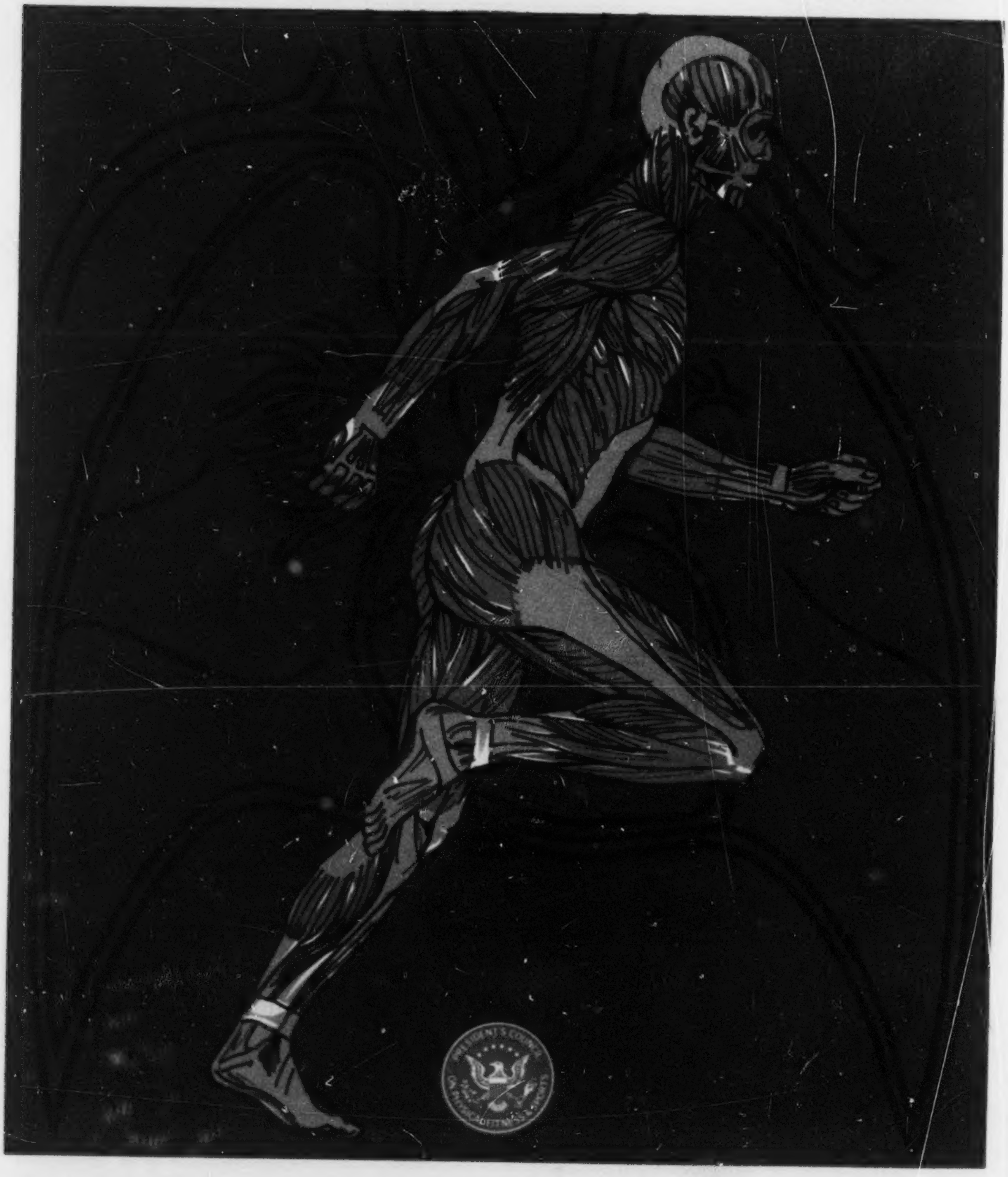
5/1

NEWARK PUBLIC LIBRARY

PHYSICAL FITNESS/SPORTS MEDICINE

Volume 5, Number 1, Winter 1982

[illegible]
U. S. GOVT. PUBS.
DEPOSITORY 376



A bibliographic service encompassing exercise physiology, sports injuries, physical conditioning and the medical aspects of exercise

HE 20. 111:

National Library of Medicine Cataloging in Publication

ZQT Physical fitness/sports medicine.
255 v. 1- winter 1978-
P578 Washington, President's Council on Physical Fitness and Sports.
v.

Consists of citations retrieved by computer from the MEDLARS data base of the National Library of Medicine.

Key title: Physical fitness/sports medicine, ISSN 0163-2582

1. Physical Fitness - indexes 2. Reference Books, Medical 3. Sports Medicine - indexes I. President's Council on Physical Fitness and Sports. II. National Library of Medicine.

PHYSICAL FITNESS/SPORTS MEDICINE

A Publication of the President's Council on Physical Fitness and Sports

Volume 5, Number 1
Winter 1982
ISSN 0163-2582

This bibliography
contains citations chosen from more
than 3,000 selected periodicals, including
foreign-language periodicals that print English
abstracts of the articles they publish. Papers
presented at selected Congresses also
are included.

PHYSICAL FITNESS/SPORTS MEDICINE is published quarterly by the President's Council on Physical Fitness and Sports, 400 Sixth Street, SW., Washington, DC 20201. The Secretary of Health, Education, and Welfare has determined that publication of this periodical is essential to the conduct of the public business required by Executive Order 11562 of the President's Council. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through December 31, 1978. The yearly subscription rate is $6 in the United States and $7.50 elsewhere. Prices for single copies are $1.50 Domestic and $1.90 Foreign. Send subscription orders to Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

PHYSICAL FITNESS/SPORTS MEDICINE

ABDOMINAL INJURIES

Traumatic disruption of the pancreatic duct demonstrated by endoscopic retrograde pancreatography. Bozymski EM, et al. **J Trauma** 1981 Mar;21(3):244-5

[Traumatic herniae in childhood (author's transl)] Brandesky G, et al. **Wien Klin Wochenschr** 1981 Feb 6;93(3):80-3 (Eng. Abstr.) **(Ger)**

ABDOMINAL WALL

Exercises for your back. Murtagh JE. **Aust Fam Physician** 1981 Apr;10(4):241

The effect of abdominal muscle fatigue and training on the intra-abdominal pressure developed during lifting. Legg SJ. **Ergonomics** 1981 Mar;24(3):191-5

Biomechanics of sit-up exercises. Ricci B, et al. **Med Sci Sports Exerc** 1981;13(1):54-9

[Electromyographic validation of exercise for physical conditioning] Godin G, et al. **Can J Appl Sport Sci** 1981 Mar; 6(1):45-51 (Eng. Abstr.) **(Fre)**

ACCIDENTS, TRAFFIC

Acute posterior cruciate ligament injuries. Loos WC, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):86-92

[Avulsions and fractures of the tuberositas tibiae (author's transl)] Schwarzkopf W, et al. **Unfallheilkunde** 1980 Jul;83(7):360-5 (Eng. Abstr.) **(Ger)**

[Experience in using different types of medical meteorological forecasts] Orményi I. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Mar-Apr;(2):25-9 (Eng. Abstr.) **(Rus)**

ACCLIMATIZATION

Heat acclimatization, its decay and reinduction in young Caucasian females. Stephens RL, et al. **Am Ind Hyg Assoc J** 1981 Jan; 42(1):12-7

A morphometric analysis of human muscle fibers with relation to fiber types and adaptations to exercise. Prince FP, et al. **J Neurol Sci** 1981 Feb;49(2):165-79

ACHILLES TENDON

Achilles tendinitis. Leach RE, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):93-8

Surgical repair of ruptures of the tendo Achillis. Inglis AE, et al. **Clin Orthop** 1981 May;(156):160-9

The effect of exercise, thyroid status and insulin-induced hypoglycaemia on the Achilles tendon reflex time in man. Ballantyne GH, et al. **Eur J Applied Physiol** 1981;46(1):77-83

Achilles tendon disorders in runners. [letter] Fulmer DC. **Med Sci Sports Exerc** 1981;13(1):x-xi

[Achillodynia, morphological changes after Kenalog administration (author's transl)] Hudler J, et al. **Acta Chir Orthop Traumatol Cech** 1981 Feb;48(1):84-7 (Eng. Abstr.) **(Cze)**

[Physiopathology of fin swimming. II. Clinical data] Sereni G, et al. **Minerva Med** 1981 May 31;72(22):1405-8 (Eng. Abstr.) **(Ita)**

ACROMIOCLAVICULAR JOINT

Acromioclavicular lesions in children. Eidman DK, et al. **Am J Sports Med** 1981 May-Jun;9(3):150-4

ADAPTATION, PHYSIOLOGICAL

Alcohol ingestion and man's ability to adapt to exercise in a cold environment. Graham T. **Can J Appl Sport Sci** 1981 Mar; 6(1):27-31

Beneficial effect of endurance training at moderate altitude on adaptation to high altitude. Sen Gupta JU, et al. **Indian J Med Res** 1980 Oct;72:610-8

Carotid chemoreceptor function in ventilatory and circulatory O2 convection of exercising dogs at low and high altitude. Bouverot P, et al. **Respir Physiol** 1981 Feb;43(2):147-67

[Cardiovascular adaptation to exercise and training] Castaigne A, et al. **Rev Prat** 1981 May 1;31(25):1757-8, 1961-2, 1965-71 (Eng. Abstr.) **(Fre)**

[Outpatient coronary groups. 1st experiences with high-risk infarct patients after a year's model experiment] Buchbinder W, et al. **Fortschr Med** 1981 Apr 2;99(13):443-6 (Eng. Abstr.) **(Ger)**

[Ultrastructural bases of myocardial metabolic disorders under physical loads in alpine adaptation] Kononova VA. **Arkh Patol** 1981;43(2):66-71 (Eng. Abstr.) **(Rus)**

[Effect of cold adaptation on the resting membrane potential of muscle fibers] Pshedetskaia AD, et al. **Fiziol Zh SSSR** 1981 Feb; 67(2):320-4 (Eng. Abstr.) **(Rus)**

[Role of the thyroid gland in skeletal muscle adaptation to increased motor activity] Seene TP, et al. **Fiziol Zh SSSR** 1981 Feb; 67(2):299-305 (Eng. Abstr.) **(Rus)**

[Physiological adjustment to physical training at high altitudes] Karvonen J. **Lakartidningen** 1981;78(14):1445-7 (Eng. Abstr.) **(Swe)**

ADIPOSE TISSUE

Nutrition in childhood and its relationships to early somatic growth, body fat, blood pressure, and physical fitness. Boulton J. **Acta Paediatr Scand [Suppl]** 1981;284:1-85

A comparative study of body composition of urban and rural Japanese boys 12 to 14 years old. Anzai I, et al. **Ann Hum Biol** 1981 Mar-Apr;8(2):109-17

The influence of body fat on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1981 Mar;24(3):215-22

Changes in serum lipids, lipoproteins, and heparin releasable lipolytic enzymes during moderate physical training in man: a longitudinal study. Peltonen P, et al. **Metabolism** 1981 May; 30(5):518-26

Ability of exercise to inhibit carbohydrate-induced hypertriglyceridemia in rats. Zavaroni I, et al. **Metabolism** 1981 May;30(5):476-80

[Study of the mass-inertia characteristics of human body segments by the gamma scanning method during 6 months of hypokinesia] Tishler VA, et al. **Kosm Biol Aviakosm Med** 1981 Jan-Feb; 15(1):36-42 (Eng. Abstr.) **(Rus)**

AGING

Ventilation-perfusion distribution in young and old volunteers

PHYSICAL FITNESS/SPORTS MEDICINE

AGING

during mild exercise. Derks CM. **Bull Eur Physiopathol Respir** 1980;16(2):145-54

Age-dependence of collagen tail fiber breaking strength in Sprague-Dawley and Fischer 344 rats. Bochantin J, et al. **Exp Gerontol** 1981;16(1):101-6

Oxygen equilibrium properties of blood and hemoglobin of fetal and adult Weddell seals. Qvist J, et al. **J Appl Physiol** 1981 May; 50(5):999-1005

Effects of exercise on the biochemical aging of mammalian myocardium. I. Actomyosin ATPase. Rockstein M, et al. **J Gerontol** 1981 May;36(3):294-7

Force and mobility in the ageing human tongue. Price PA, et al. **Med J Aust** 1981 Jan 24;1(2):75-8

Physical activity and calcium modalities for bone mineral increase in aged women. Smith EL Jr, et al. **Med Sci Sports Exerc** 1981; 13(1):60-4

[On a relationship between chronological age and functional age (author's transl)] Beier W. **Aktule Gerontol** 1981 May; 11(3):106-7 (Eng. Abstr.) **(Ger)**

AIR POLLUTION

Summer Olympics to be under ozone cloud [news] Korcok M. **JAMA** 1981 Jul 17;246(3):202

AIRWAY OBSTRUCTION

An analysis of exercise as a stimulus for the production of airway obstruction. McFadden ER Jr. **Lung** 1981;159(1):3-11 (49 ref.)

AIRWAY RESISTANCE

Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects. Sheppard D, et al. **Am Rev Respir Dis** 1981 May;123(5):486-91

Work of breathing in dog during exercise. Saibene F, et al. **J Appl Physiol** 1981 May;50(5):1087-92

ALCOHOL DRINKING

Alcohol consumption in rats: effects on work capacity in the heat. Francesconi R, et al. **J Appl Physiol** 1981 May;50(5):1006-10

ALCOHOL, ETHYL

The cardiovascular effects of ethanol and acetaldehyde in exercising dogs. Stratton R, et al. **Alcoholism (NY)** 1981 Jan; 5(1):56-63

Alcohol ingestion and man's ability to adapt to exercise in a cold environment. Graham T. **Can J Appl Sport Sci** 1981 Mar; 6(1):27-31

ALCOHOLISM

HDL-cholesterol: the negative risk factor for coronary heart disease. Tan MH. **Ann Acad Med Singapore** 1980 Oct; 9(4):491-5 (63 ref.)

Dysbarism associated with alcohol abuse: a case report. Kizer KW, et al. **Hawaii Med J** 1981 Jan;40(1):12-5

Movement therapy for alcoholic patients. Tsukue I, et al. **J Stud Alcohol** 1981 Jan;42(1):144-9

ALTITUDE

Beneficial effect of endurance training at moderate altitude on adaptation to high altitude. Sen Gupta JU, et al. **Indian J Med Res** 1980 Oct;72:610-8

Carotid chemoreceptor function in ventilatory and circulatory O2 convection of exercising dogs at low and high altitude. Bouverot P, et al. **Respir Physiol** 1981 Feb;43(2):147-67

Effects of duration at altitude and acetazolamide on ventilation and oxygenation during sleep. Sutton JR, et al. **Sleep** 1980; 3(3-4):455-64

[Blood coagulation in immersion in high altitudes] Scotto P, et al. **Boll Soc Ital Biol Sper** 1981 Jan 30;57(2):235-9 (Eng. Abstr.) **(Ita)**

[Ultrastructural bases of myocardial metabolic disorders under physical loads in alpine adaptation] Kononova VA. **Arkh Patol** 1981;43(2):66-71 (Eng. Abstr.) **(Rus)**

[Physiological adjustment to physical training at high altitudes] Karvonen J. **Lakartidningen** 1981;78(14):1445-7 (Eng. Abstr.) **(Swe)**

ALTITUDE SICKNESS

Acetazolamide in the mountains [letter] Sutton JR, et al. **Lancet** 1981 Mar 7;1(8219):552-3

AMITRIPTYLINE

Treatment of disease without the use of drugs. V. Phasing out of benzodiazepine and amitriptyline medication with thought control. Sim MK, et al. **Singapore Med J** 1980 Aug; 21(4):655-7

AMPHETAMINES

Drugs in sport: the extent of the problem, toxic effects, and control. Arblaster CI, et al. **Aust Fam Physician** 1981 Mar; 10(3):145-6, 148

ANABOLIC STEROIDS

Drugs in sport: the extent of the problem, toxic effects, and control. Arblaster CI, et al. **Aust Fam Physician** 1981 Mar; 10(3):145-6, 148

Anabolic steroids and athletics. Wright JE. **Exerc Sport Sci Rev** 1980;8:149-202 (131 ref.)

ANAEROBIOSIS

Contractile dysfunction of atrial myocardium from endotoxin-shocked guinea pigs. Parker JL, et al. **Am J Physiol** 1981 Jun;240(6):H954-62

Determination of resistance settings for anaerobic power testing. Evans JA, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):53-6

Continuous vs. interval training: a review for the athlete and the coach. MacDougall D, et al. **Can J Appl Sport Sci** 1981 Jun; 6(2):93-7 (34 ref.)

Prediction of anaerobic capacity: a performance test employing an optimal exercise stress. Thomson JM. **Can J Appl Sport Sci** 1981 Mar;6(1):16-20

A laboratory method for determination of anaerobic energy expenditure during sprinting. Thomson JM, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):21-6

Ratings of perceived exertion at the anaerobic threshold. Purvis JW, et al. **Ergonomics** 1981 Apr;24(4):295-300

Energy sources and mechanical efficiency of anaerobic work in dog gastrocnemius. di Prampero PE, et al. **Pfluegers Arch** 1981 Mar;389(3):257-62

[Microcalorimetric and myographic analysis of the causes of changes in the ratio of heat loss to work accomplished during muscular activity] Prudnikov VM, et al. **Fiziol Zh SSSR** 1981 Feb;67(2):313-9 (Eng. Abstr.) **(Rus)**

ANALEPTICS

Medication, learning disabilities and physical education. French R, et al. **Am Correct Ther J** 1981 Jan-Feb;35(1):26-30

[Doping and its cardiovascular effects] Miserez P. **Rev Prat** 1981 May 1;31(25):1827-31 (Eng. Abstr.) **(Fre)**

ANGINA PECTORIS

The effect of pindolol and isosorbide dinitrate and their combination on exercise tolerance and ECG changes in angina pectoris. Storstein L. **Acta Med Scand** 1981;209(5):357-62

Quantitative evaluation of chest pain. Borg G, et al. **Acta Med Scand [Suppl]** 1981;644:43-5

The value of anginal pain in exercise testing after myocardial infarction. Cokkinos DV, et al. **Acta Med Scand [Suppl]** 1981; 644:27-30

Angina pectoris in the cold. Effects of cold environment and cold air inhalation at exercise test. Lassvik C. **Acta Med Scand [Suppl]** 1981;644:21-2

Relation between ST-depression and chest pain in patients with coronary heart disease receiving no treatment and after beta-blockade and combined alpha-beta-blockade. Nyberg G, et al. **Acta Med Scand [Suppl]** 1981;644:30-3

Angina-like chest pain in patients with oesophageal dysfunction. Tibbling L. **Acta Med Scand [Suppl]** 1981;644:56-9

Bicycle ergometry criteria of myocardial ischemia in patients with stenosing atherosclerosis of coronary arteries depending on the initial electrocardiogram at rest. Gasilin VS, et al. **Adv Cardiol** 1981;28:188-90

Results of computing and displaying changes of the S-T segment during treadmill tests after myocardial infarction. Yurasov VS, et al. **Adv Cardiol** 1981;28:185-7

Exercise training in coronary heart disease: is there a cardiac effect? Amsterdam EA, et al. **Am Heart J** 1981 Jun;101(6):870-3

Effects of diltiazem-induced calcium blockade upon exercise capacity in effort angina due to chronic coronary artery disease. Low RI, et al. **Am Heart J** 1981 Jun;101(6):713-8

Exercise-induced S-T elevation, coronary artery disease and variant angina [letter] **Am J Cardiol** 1981 May;47(5):1181-2

Progress in computer analysis of the exercise electrocardiogram. Bhargava V, et al. **Am J Cardiol** 1981 May;47(5):1143-51

Exercise-induced coronary spasm with S-T segment depression and normal coronary arteriography. Boden WE, et al. **Am J Cardiol** 1981 Jul;48(1):193-7

Comparison of the results and reproducibility of arm and leg exercise tests in men with angina pectoris. Lazarus B, et al. **Am J Cardiol** 1981 May;47(5):1075-9

Slow release oxprenolol in angina pectoris: study comparing oxprenolol, once daily, with propranolol, four times daily. Olowoyeye JO, et al. **Am J Cardiol** 1981 May;47(5):1123-7

The predictive value of a strongly positive stress test in patients with minimal symptoms. Blumenthal DS, et al. **Am J Med** 1981 May;70(5):1005-10

Acute myocardial infarction induced by ergotamine tartrate: possible role of coronary arterial spasm. Yasue H, et al. **Angiology** 1981 Jun;32(6):414-8

Early post-myocardial infarction treadmill stress testing. An accurate predictor of multivessel coronary disease and subsequent cardiac events. Fuller CM, et al. **Ann Intern Med** 1981 Jun; 94(6):734-9

Treadmill exercise tests predischarge and six weeks post-myocardial infarction to detect abnormalities of known prognostic value. Starling MR, et al. **Ann Intern Med** 1981 Jun; 94(6):721-7

Ergometric and hemodynamic studies on a new cardiotonic agent AR-L 115 BS. Pozenel H. **Arzneimittelforsch** 1981; 31(1a):263-6

Ischaemic heart disease in the eighties. Bauer GE. **Aust Fam Physician** 1981 Feb;10(2):56-9

Coronary artery spasm during exercise: treatment with verapamil. Freedman B, et al. **Circulation** 1981 Jul;64(1):68-75

Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Selwyn AP, et al. **Circulation** 1981 Jul;64(1):83-90

Prevention of in vivo platelet aggregation by indobufen in angina patients during exercise. Pogliani EM, et al. **J Int Med Res** 1981; 9(2):113-9

Prostacyclin, nitroglycerin, and effort angina [letter] Szczeklik A, et al. **Lancet** 1981 May 2;1(8227):1006

[Involvement of the common trunk of the left coronary artery] Soyeur D, et al. **Acta Cardiol (Brux)** 1981;36(1):7-20 (Eng. Abstr.) **(Fre)**

[Positive exercise test in the absence of pain. Characteristic of a high-risk population?]. Gavazzi A, et al. **G Ital Cardiol** 1980; 10(10):1328-33 (Eng. Abstr.) **(Ita)**

[Metoprolol effect on ECG exercise test in patients with stable angina pectoris. Computer analysis (author's transl)] Manca C, et al. **G Ital Cardiol** 1979;9(10):1104-9 (Eng. Abstr.) **(Ita)**

[Clinical usefulness of thallium-201 myocardial scintigraphy with dipyridamole pharmacodynamic test in ischemic heart disease (author's transl)] Tarolo GL, et al. **G Ital Cardiol** 1981; 11(1):94-103 (Eng. Abstr.) **(Ita)**

ANGIOCARDIOGRAPHY

Early post-myocardial infarction treadmill stress testing. An accurate predictor of multivessel coronary disease and subsequent cardiac events. Fuller CM, et al. **Ann Intern Med** 1981 Jun; 94(6):734-9

Limited exercise testing soon after myocardial infarction. Correlation with early coronary and left ventricular angiography. Schwartz KM, et al. **Ann Intern Med** 1981 Jun;94(6):727-34

Acute effects of cigarette smoking on left ventricular function at rest and exercise. Behr MJ, et al. **Med Sci Sports Exerc** 1981; 13(1):9-12

ANKLE

Evaluation of patients with only marginally abnormal arm-ankle blood pressure gradients suspected of arterial obliterative disease. Eickhoff JH, et al. **Acta Chir Scand [Suppl]** 1980;502:21-6

The measured effect of taping on combined foot and ankle motion before and after exercise. Fumich RM, et al. **Am J Sports Med** 1981 May-Jun;9(3):165-70

Intermittent claudication and hypertension. Ankle pressure and walking distance in patients with well-treated and non-treated hypertension. Janzon L, et al. **Angiology** 1981 Mar; 32(3):175-9

An EMG analysis of the effectiveness of external ankle support during sudden ankle inversion. Sprigings EJ, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):72-5

The etiology of downhill ski injuries. Eriksson E, et al. **Exerc Sport Sci Rev** 1980;8:1-17 (69 ref.)

[Lower leg fracture--still the most frequent fracture during skiing? (author's transl)] Lindenmaier HL, et al. **Aktuel Traumatol** 1981 Apr;11(2):52-5 (Eng. Abstr.) **(Ger)**

ANKLE JOINT

Effects on torque angle curve of differences between the recorded tibia-calcaneal angle and the true anatomical angle. Tardieu C, et al. **Eur J Applied Physiol** 1981;46(1):41-6

Evaluation of muscular movements at the lower limb joints by an on-line processing of kinematic data and ground reaction. Boccardi S, et al. **J Biomech** 1981;14(1):35-45

[Symptoms and lesions of knees and ankles in former 1956 professional soccer players] Brouwer PJ, et al. **Ned Tijdschr Geneeskd** 1981 May 2;125(18):694-7 (Eng. Abstr.) **(Dut)**

[Optimization of human movements using computers] Zinkovskii AV, et al. **Biofizika** 1981 Jan-Feb;26(1):113-6 (Eng. Abstr.) **(Rus)**

ANTERIOR COMPARTMENT SYNDROME

Anterior compartment syndrome: a case report. Pearl AJ. **Am J Sports Med** 1981 Mar-Apr;9(2):119-20

ANTIDEPRESSIVE AGENTS

Medication, learning disabilities and physical education. French R, et al. **Am Correct Ther J** 1981 Jan-Feb;35(1):26-30

ANTIPYRINE

A study of the enzyme inducing effect of physical exercise in man. The 'trained liver'. Frenkl R, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):371-6

AORTIC SUBVALVULAR STENOSIS

Exercise testing in normal individuals and patients with cardiovascular disease. James FW. **Cardiovasc Clin** 1981; 11(2):227-46 (26 ref.)

AORTIC VALVE INSUFFICIENCY

Exercise testing in normal individuals and patients with cardiovascular disease. James FW. **Cardiovasc Clin** 1981; 11(2):227-46 (26 ref.)

Assessment of left ventricular function in aortic valve disease by isometric exercise. Krayenbuehl HP, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I149-55

AORTIC VALVE STENOSIS

Exercise testing in normal individuals and patients with cardiovascular disease. James FW. **Cardiovasc Clin** 1981; 11(2):227-46 (26 ref.)

Assessment of left ventricular function in aortic valve disease by isometric exercise. Krayenbuehl HP, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I149-55

Exercise blood pressure response--a predictor of severity of aortic stenosis in children. Alpert BS, et al. **J Pediatr** 1981 May; 98(5):763-5

ARM INJURIES

The extent of injuries in VFL footballers. Sali A, et al. **Aust Fam Physician** 1981 Mar;10(3):169-70, 172

[Roller skaters--more frequently encountered in ambulances. 1st analysis of injuries caused by this fashionable sport] Pfaff G, et al. **Chirurg** 1981 Mar;52(3):178-81 (Eng. Abstr.) **(Ger)**

ARRHYTHMIA

Early exercise test in the assessment of long-term prognosis after acute myocardial infarction. Saunamäki KI, et al. **Acta Med Scand** 1981;209(3):185-91

Electrocardiographic evaluation of the bicycle ergometric test in cardiosurgical patients. Kassirsky GI, et al. **Adv Cardiol** 1981; 28:175-7

Clinical aspects of treadmill exercise testing. Tan D. **Ann Acad Med Singapore** 1980 Oct;9(4):456-62

Treadmill exercise tests predischarge and six weeks post-myocardial infarction to detect abnormalities of known prognostic value. Starling MR, et al. **Ann Intern Med** 1981 Jun; 94(6):721-7

Exercise testing in normal individuals and patients with cardiovascular disease. James FW. **Cardiovasc Clin** 1981; 11(2):227-46 (26 ref.)

Detection, prevalence, and significance of arrhythmias during exercise. Faris JV, et al. **Heart Lung** 1981 Jul-Aug; 10(4):644-50

[Contribution of cycloergometrics to the identification of ischemic damage in pre-excitation syndromes] Corsini G, et al. **Boll Soc Ital Cardiol** 1980;25(1):27-36 (Eng. Abstr.) **(Ita)**

ARTERIAL OCCLUSIVE DISEASES

Evaluation of patients with only marginally abnormal arm-ankle blood pressure gradients suspected of arterial obliterative disease. Eickhoff JH, et al. **Acta Chir Scand [Suppl]** 1980;502:21-6

Applicability and interpretation of electrocardiographic stress testing in patients with peripheral vascular disease. Cutler BS, et al. **Am J Surg** 1981 Apr;141(4):501-6

PHYSICAL FITNESS/SPORTS MEDICINE

ARTERIAL OCCLUSIVE DISEASES

Different behavior of the resistance vessels of the human calf and forearm during contralateral isometric exercise, mental stress, and abnormal respiratory movements. Rusch NJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I118–30

Exercise-induced ST-segment elevation in leads V1 or aVL. A predictor of anterior myocardial ischemia and left anterior descending coronary artery disease. Dunn RF, et al. **Circulation** 1981 Jun;63(6):1357–63

[Adaptive changes of carbohydrate metabolism in arterial occlusive diseases. II. Lateral isolated exertion of the lower leg] Maass U, et al. **Vasa** 1981;10(1):36–40 (Eng. Abstr.) **(Ger)**

[An isometric exercise for the diagnosis of chronic obliterating arteriopathies of the lower extremities] Catalano M, et al. **G Ital Cardiol** 1980;10(10):1356–9 (Eng. Abstr.) **(Ita)**

ARTERIOSCLEROSIS

Bicycle ergometry criteria of myocardial ischemia in patients with stenosing atherosclerosis of coronary arteries depending on the initial electrocardiogram at rest. Gasilin VS, et al. **Adv Cardiol** 1981;28:188–90

Pediatric aspects of atherosclerosis. Voller RD Jr, et al. **Am Heart J** 1981 Jun;101(6):815–36 (261 ref.)

Will atheroma regress with diet and exercise? Blankenhorn DH. **Am J Surg** 1981 Jun;141(6):644–5

[Hypokinesia, the coagulation-fibrinolysis system and atherosclerosis] De Martino E, et al. **G Clin Med** 1980 Nov; 61(11):822–30 (Eng. Abstr.) **(Ita)**

ASCORBIC ACID

To run or not to run - that is the question and reply: ascorbate (Vit. C) utilisation and stressful physical exertion. Mowle AF. **Australas Nurses J** 1981 Jan–Feb;10(2):29–30

ASPIRIN

Recent advances in childhood asthma. Sastroasmoro S. **Paediatr Indones** 1980 Nov–Dec;20(11–12):236–87 (197 ref.)

ASTHMA

Heterogeneity of bronchial asthma. Sub-populations--or different stages of the disease. Aas K. **Allergy** 1981 Jan;36(1):3–14 (60 ref.)

Pretreatment of exercise-induced asthma in adults with aerosols and pulverized tablets. Bundgaard A, et al. **Allergy** 1980 Dec; 35(8):639–45

Incidence of exercise-induced asthma in adult asthmatics. Bundgaard A. **Allergy** 1981 Jan;36(1):23–6

Exercise-induced asthma. Busse WW. **Am J Sports Med** 1981 May–Jun;9(3):194–6

Inhibition of exercise-induced asthma by a calcium antagonist, nifedipine. Cerrina J, et al. **Am Rev Respir Dis** 1981 Feb; 123(2):156–60

Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects. Sheppard D, et al. **Am Rev Respir Dis** 1981 May;123(5):486–91

A reassessment of the effects of oropharyngeal anesthesia in exercise-induced asthma [letter] Souhrada JF. **Am Rev Respir Dis** 1981 Feb;123(2):240–1

The protective effect and duration of action of metaproterenol aerosol on exercise-induced asthma. Schoeffel RE, et al. **Ann Allergy** 1981 May;46(5):273–5

A controlled trial of ketotifen in exercise-induced asthma. Tanser AR, et al. **Br J Dis Chest** 1980 Oct;74(4):398–402

Atropine and exercise-induced bronchoconstriction. Chen WY, et al. **Chest** 1981 Jun;79(6):651–6

The effects of oral doses of theophylline and fenoterol on exercise-induced asthma. Eggleston PA, et al. **Chest** 1981 Apr; 79(4):399–405

Exercise-induced asthma and blood histamine [letter] Serafini U, et al. **Clin Allergy** 1981 Jan;11(1):99–100

Clinical efficacy trial: theophylline vs (dl) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-di Grassi C, et al. **Int J Clin Pharmacol Ther Toxicol** 1980 Dec; 18(12):518–22

Do exercise- and antigen-induced asthma utilize the same pathways? Antigen provocation in patients rendered refractory to exercise-induced asthma. Weiler-Ravell D, et al. **J Allergy Clin Immunol** 1981 May;67(5):391–7

Theophylline: the concept of sustained action. Tinkelman D. **J Asthma** 1981 Jan;18(1):35–7

Prevention of asthma with cromolyn. König P. **J Asthma Res** 1981 Jan;18(1):31–3

Evaluation of a self-help education-exercise program for asthmatic children and their parents: six-month follow-up. Staudenmayer H, et al. **J Asthma Res** 1981 Jan;18(1):1–5

Recent advances in childhood asthma. Sastroasmoro S. **Paediatr Indones** 1980 Nov–Dec;20(11–12):236–87 (197 ref.)

Chronic cough in children: a manifestation of airway hyperreactivity. Cloutier MM, et al. **Pediatrics** 1981 Jan; 67(1):6–12

Hyperpnea: the common stimulus for bronchospasm in asthma during exercise and voluntary isocapnic hyperpnea. Kivity S, et al. **Respiration** 1980;40(4):169–77

Protective effects of repeated short sprints in exercise-induced asthma. Schnall RP, et al. **Thorax** 1980 Nov;35(11):828–32

Plasma catecholamines during exercise-induced bronchoconstriction in bronchial asthma. Zieliński J, et al. **Thorax** 1980 Nov;35(11):823–7

A non-pharmacologic approach to the treatment of exercise-induced bronchospasm. Schachter EN, et al. **Yale J Biol Med** 1980 Nov–Dec;53(6):485–96

[Iontophoretic skin tests in atopic asthma at rest and after maximum work (author's transl)] Stejskal P, et al. **Cesk Dermatol** 1981 Apr; 56(2):69–77 (Eng. Abstr.) **(Cze)**

[Clinical interest of bronchial challenge tests (author's transl)] Bracamonte M, et al. **Rev Med Brux** 1981 Feb;2(2):89–91 (Eng. Abstr.) **(Fre)**

[Contribution to the assessment of physical fitness in patients with pulmonary diseases on the basis of cardiopulmonary and ergometric parameters (author's transl)] Pielesch W, et al. **Z Erkr Atmungsorgane** 1981;156(1):85–93 (Eng. Abstr.) **(Ger)**

ASTHMA, EXERCISE-INDUCED

Heterogeneity of bronchial asthma. Sub-populations—or different stages of the disease. Aas K. **Allergy** 1981 Jan;36(1):3–14 (60 ref.)

Incidence of exercise-induced asthma in adult asthmatics. Bundgaard A. **Allergy** 1981 Jan;36(1):23–6

Pretreatment of exercise-induced asthma in adults with aerosols and pulverized tablets. Bundgaard A, et al. **Allergy** 1980 Dec; 35(8):639–45

Exercise-induced asthma. Busse WW. **Am J Sports Med** 1981 May–Jun;9(3):194–6

Inhibition of exercise-induced asthma by a calcium antagonist, nifedipine. Cerrina J, et al. **Am Rev Respir Dis** 1981 Feb; 123(2):156–60

A reassessment of the effects of oropharyngeal anesthesia in exercise-induced asthma [letter] Souhrada JF. **Am Rev Respir Dis** 1981 Feb;123(2):240–1

The protective effect and duration of action of metaproterenol aerosol on exercise-induced asthma. Schoeffel RE, et al. **Ann Allergy** 1981 May;46(5):273–5

A controlled trial of ketotifen in exercise-induced asthma. Tanser AR, et al. **Br J Dis Chest** 1980 Oct;74(4):398–402

Atropine and exercise-induced bronchoconstriction. Chen WY, et al. **Chest** 1981 Jun;79(6):651–6

The effects of oral doses of theophylline and fenoterol on exercise-induced asthma. Eggleston PA, et al. **Chest** 1981 Apr; 79(4):399–405

Exercise-induced asthma and blood histamine [letter] Serafini U, et al. **Clin Allergy** 1981 Jan;11(1):99–100

Clinical efficacy trial: theophylline vs (dl) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-di Grassi C, et al. **Int J Clin Pharmacol Ther Toxicol** 1980 Dec; 18(12):518–22

Do exercise- and antigen-induced asthma utilize the same pathways? Antigen provocation in patients rendered refractory to exercise-induced asthma. Weiler-Ravell D, et al. **J Allergy Clin Immunol** 1981 May;67(5):391–7

Theophylline: the concept of sustained action. Tinkelman D. **J Asthma** 1981 Jan;18(1):35–7

Prevention of asthma with cromolyn. König P. **J Asthma Res** 1981 Jan;18(1):31–3

An analysis of exercise as a stimulus for the production of airway obstruction. McFadden ER Jr. **Lung** 1981;159(1):3–11 (49 ref.)

Recent advances in childhood asthma. Sastroasmoro S. **Paediatr Indones** 1980 Nov–Dec;20(11–12):236–87 (197 ref.)

Chronic cough in children: a manifestation of airway hyperreactivity. Cloutier MM, et al. **Pediatrics** 1981 Jan; 67(1):6–12

Hyperpnea: the common stimulus for bronchospasm in asthma during exercise and voluntary isocapnic hyperpnea. Kivity S, et al. **Respiration** 1980;40(4):169–77

Protective effects of repeated short sprints in exercise-induced asthma. Schnall RP, et al. **Thorax** 1980 Nov;35(11):828–32

Plasma catecholamines during exercise-induced bronchoconstriction in bronchial asthma. Zieliński J, et al. **Thorax** 1980 Nov;35(11):823–7

[Iontophoretic skin tests in atopic asthma at rest and after maximum work (author's transl)] Stejskal P, et al. **Cesk Dermatol** 1981 Apr; 56(2):69–77 (Eng. Abstr.) **(Cze)**

[Clinical interest of bronchial challenge tests (author's transl)] Bracamonte M, et al. **Rev Med Brux** 1981 Feb;2(2):89–91 (Eng. Abstr.) **(Fre)**

ATHEROMA

Will atheroma regress with diet and exercise? Blankenhorn DH.

Am J Surg 1981 Jun;141(6):644–5

ATHEROSCLEROSIS

Bicycle ergometry criteria of myocardial ischemia in patients with stenosing atherosclerosis of coronary arteries depending on the initial electrocardiogram at rest. Gasilin VS, et al. **Adv Cardiol** 1981;28:188–90

Pediatric aspects of atherosclerosis. Voller RD Jr, et al. **Am Heart J** 1981 Jun;101(6):815–36 (261 ref.)

Exercise and health [editorial] Froelicher V. **Am J Med** 1981 May; 70(5):987–8

[Hypokinesia, the coagulation–fibrinolysis system and atherosclerosis] De Martino E, et al. **G Clin Med** 1980 Nov; 61(11):822–30 (Eng. Abstr.) **(Ita)**

ATHLETIC INJURIES

Nonunion of olecranon epiphysis: two cases in adolescent baseball pitchers. Pavlov H, et al. **AJR** 1981 Apr;136(4):819–20

Experience from the 1980 midnight sun marathon: injuries & training. Caldwell J. **Alaska Med** 1981 Mar–Apr;23(2):18–21

An epidemiologic study of squash injuries. Berson BL, et al. **Am J Sports Med** 1981 Mar–Apr;9(2):103–6

Skier's thumb. Surgical treatment of recent injuries to the ulnar collateral ligament of the thumb's metacarpophalangeal joint. Gerber C, et al. **Am J Sports Med** 1981 May–Jun;9(3):171–7

Stress fractures through the distal femoral epiphysis in athletes. A previously unreported entity. Godshall RW, et al. **Am J Sports Med** 1981 Mar–Apr;9(2):114–6

Herniated lumbar disk associated with running. A review of 10 cases. Guten G. **Am J Sports Med** 1981 May–Jun;9(3):155–9

Skateboarding fractures. Hawkins RW, et al. **Am J Sports Med** 1981 Mar–Apr;9(2):99–102

Surgical treatment of patellar instability: indications and results. Henry JH, et al. **Am J Sports Med** 1981 Mar–Apr;9(2):82–5

Flexibility and musculoskeletal symptomatology in female gymnasts and age–matched controls. Kirby RL, et al. **Am J Sports Med** 1981 May–Jun;9(3):160–4

Achilles tendinitis. Leach RE, et al. **Am J Sports Med** 1981 Mar–Apr;9(2):93–8

Preparticipation health screening of young athletes. Results of 1268 examinations. Linder CW, et al. **Am J Sports Med** 1981 May–Jun; 9(3):187–93

Acute posterior cruciate ligament injuries. Loos WC, et al. **Am J Sports Med** 1981 Mar–Apr;9(2):86–92

Knee rehabilitation after anterior cruciate ligament reconstruction and repair. Paulos L, et al. **Am J Sports Med** 1981 May–Jun; 9(3):140–9

Anterior compartment syndrome: a case report. Pearl AJ. **Am J Sports Med** 1981 Mar–Apr;9(2):119–20

Staple capsulorrhaphy for recurrent posterior shoulder dislocation. Tibone JE, et al. **Am J Sports Med** 1981 May–Jun;9(3):135–9

Baseball injuries to the hand. Dawson WJ, et al. **Ann Emerg Med** 1981 Jun;10(6):302–6

Waterslide injuries. Malpass CA Jr, et al. **Ann Emerg Med** 1981 Jul;10(7):360–3

A guide to the prevention of running injuries. Clement DB, et al. **Aust Fam Physician** 1981 Mar;10(3):156–61, 163–4

The extent of injuries in VFL footballers. Sali A, et al. **Aust Fam Physician** 1981 Mar;10(3):169–70, 172

Iliotibial tract friction syndrome in athletes. McNicol K, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):76–80

An EMG analysis of the effectiveness of external ankle support during sudden ankle inversion. Sprigings EJ, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):72–5

Diving: a frequent and potentially preventable cause of spinal cord injury. Tator CH, et al. **Can Med Assoc J** 1981 May 15; 124(10):1323–4

Sports medicine: specialized care for the athlete in everyone. Wishart D. **Can Med Assoc J** 1981 Apr 1;124(7):919–21

Common athletic knee ligament injuries and their treatment. Fulkerson JP. **Compr Ther** 1981 Feb;7(2):62–6

The etiology of downhill ski injuries. Eriksson E, et al. **Exerc Sport Sci Rev** 1980;8:1–17 (69 ref.)

Survey of rugby injuries. Dineen PF, et al. **Ir Med J** 1981 May; 74(5):137

Blunt chest trauma causing myocardial infarction––an unusual football injury. O'Neill S, et al. **Ir Med J** 1981 May; 74(5):138

Bone–block iliotibial–band transfer for anterior cruciate insufficiency. Insall J, et al. **J Bone Joint Surg [Am]** 1981 Apr; 63(4):560–9

Recurrent transient subluxation of the shoulder. Rowe CR, et al. **J Bone Joint Surg [Am]** 1981 Jul;63A(6):863–72

Salter–Harris type–III fracture of the medial femoral condyle occurring in the adolescent athlete. Torg JS, et al. **J Bone Joint Surg [Am]** 1981 Apr;63(4):586–91

Jogging! a non–traumatic exercise? Zacharias CK, et al. **J Kans Med Soc** 1980 Dec;81(12):563–5

Eye trauma in sports: a preventable epidemic [editorial] Bell JA. **JAMA** 1981 Jul 10;246(2):156

Achilles tendon disorders in runners. [letter] Fulmer DC. **Med Sci Sports Exerc** 1981;13(1):x–xi

The female athlete. Hunter LY. **Med Times** 1981 Jun; 109(6):48–57

Sports urology: the vicious cycle [letter] O'Brien KP. **N Engl J Med** 1981 May 28;304(22):1367–8

Sports eye injuries a preventable disease. Vinger PF. **Ophthalmology (Rochester)** 1981 Feb;88(2):108–13

Medical aspects of competitive distance running: guidelines for community physicians. Williams RS, et al. **Postgrad Med** 1981 Jul;70(1):41–4, 47–8, 51

Boxing. Hillman H. **Resuscitation** 1980 Dec;8(4):211–5

'Joggitis', 'marathonitis' and marathon mania [letter] Grant–Whyte H. **S Afr Med J** 1981 Jun 6;59(24):849–50

A survey of spinal injuries from diving. A study of patients in Pretoria and Cape town. Mennen U. **S Afr Med J** 1981 May 23;59(22):788–90

Diving injuries to the cervical spinal cord. Scher AT. **S Afr Med J** 1981 Apr 18;59(17):603–5

Exercise–induced injuries. Wassel AC. **Top Clin Nurs** 1981 Jul; 3(2):53–64

[Symptoms and lesions of knees and ankles in former 1956 professional soccer players] Brouwer PJ, et al. **Ned Tijdschr Geneeskd** 1981 May 2;125(18):694–7 (Eng. Abstr.) **(Dut)**

[Mouth protection in sports] Bolhuis JH. **Ned Tijdschr Tandheelkd** 1980 Dec;87(12):455–9 (Eng. Abstr.) **(Dut)**

[Posturography and expert appraisal of cranio–cervical post–injury syndromes in sportsmen] Engel JC, et al. **Agressologie** 1981; 22(A):41–50 (Eng. Abstr.) **(Fre)**

[The management of injuries in top–level sportsmen (author's transl)] Comte P. **Praxis** 1981 Mar 31;70(14):606–11 (Eng. Abstr.) **(Fre)**

[Lower leg fracture––still the most frequent fracture during skiing? (author's transl)] Lindenmaier HL, et al. **Aktuel Traumatol** 1981 Apr;11(2):52–5 (Eng. Abstr.) **(Ger)**

[Stress fractures of the patella] Kavan Z, et al **Beitr Orthop Traumatol** 1981 Mar;28(3):144–7 (Eng. Abstr.) **(Ger)**

[Roller skaters––more frequently encountered in ambulances. 1st analysis of injuries caused by this fashionable sport] Pfaff G, et al. **Chirurg** 1981 Mar;52(3):178–81 (Eng. Abstr.) **(Ger)**

[Shoulder injuries in Alpine skiing] Frankenberger A, et al. **Fortschr Med** 1981 May 21;99(19):733–9 (Eng. Abstr.) **(Ger)**

[The sports medical profile of Alpinists (author's transl)] Biener K, et al. **MMW** 1981 Mar 27;123(13):508–12 (Eng. Abstr.) **(Ger)**

[Skiing accidents in children (author's transl)] Schwarzenbach M, et al. **MMW** 1981 Mar 13;123(11):429–33 (Eng. Abstr.) **(Ger)**

[Progressive brainstem stroke after hang–gliding accident: a case report (author's transl)] Gerber C, et al. **Praxis** 1981 Mar 17; 70(12):521–4 (Eng. Abstr.) **(Ger)**

[Severe collisions head injury in skiing (author's transl)] Oh S, et al. **Praxis** 1981 Mar 3;70(10):408–13 (Eng. Abstr.) **(Ger)**

[Scintigraphic diagnosis of sport injuries: multiple fractures of ribs by golf–players (author's transl)] Pohle W, et al. **ROEFO** 1981 Feb;134(2):196–8 (Eng. Abstr.) **(Ger)**

[Avulsions and fractures of the tuberositas tibiae (author's transl)] Schwarzkopf W, et al. **Unfallheilkunde** 1980 Jul;83(7):360–5 (Eng. Abstr.) **(Ger)**

[Spine injuries due to horse riding. Part 1 (author's transl)] Steinbrück K. **Unfallheilkunde** 1980 Jul;83(7):366–72 (Eng. Abstr.) **(Ger)**

[Spine injuries due to horse riding. Part 2 (author's transl)] Steinbrück K. **Unfallheilkunde** 1980 Jul;83(7):373–6 (Eng. Abstr.) **(Ger)**

[Pathology of sports injuries of the foot] Pisani G. **Minerva Med** 1981 May 7;72(18):1139–42 (Eng. Abstr.) **(Ita)**

[Partial or total meniscectomy?] Widuchowski J, et al. **Chir Narzadow Ruchu Ortop Pol** 1980;45(6):529–33 (Eng. Abstr.) **(Pol)**

[Rare type of epiphyseolysis (author's transl)] Horsky I, et al. **Acta Chir Orthop Traumatol Cech** 1981 Feb;48(1):88–90 (Eng. Abstr.) **(Slo)**

[Sports and eye injuries. Racket sports caused 40%] Petrelius A. **Lakartidningen** 1980 Dec 3;77(49):4648–52 (Eng. Abstr.) **(Swe)**

ATRIOVENTRICULAR NODE

Modulation of atrioventricular conduction by isometric exercise in human subjects. Ferrari A, et al. **Circ Res** 1981 Jul; 49(1):265–71

ATROPINE

Influence of alpha and beta adrenergic receptors blockade on the adrenolytic effect of muscular work. Janczewska H, et al.

PHYSICAL FITNESS/SPORTS MEDICINE

ATROPINE

Acta Physiol Pol 1980;31(5):469–74

The influence of H1- and H2-receptor blockade on responses of resistance and capacitance vessels to noradrenaline in working skeletal muscles in cats. Janczewska H, et al. **Agents Actions** 1981 Apr;11(1–2):119–22

Atropine and exercise-induced bronchoconstriction. Chen WY, et al. **Chest** 1981 Jun;79(6):651–6

Modulation of atrioventricular conduction by isometric exercise in human subjects. Ferrari A, et al. **Circ Res** 1981 Jul; 49(1):265–71

Cardiovascular response to static exercise in the conscious cat. Gonyea WJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):163–9

ATTITUDE TO HEALTH

Rx exercise: effects and side effects. Leach RE. **Hosp Pract** 1981 Jan;16(1):72A–72C, 72G passim

A quantitative approach to perceived health status: a validation study. Hunt SM, et al. **J Epidemiol Community Health** 1980 Dec; 34(4):281–6

[Physical activities in old age – motivations and barriers (author's transl)] Lehr U. **Aktule Gerontol** 1981 May;11(3):100–5 (Eng. Abstr.) **(Ger)**

[Sport activities of the elderly – results from a random survey (author's transl)] Schlettwein-Gsell D, et al. **Aktule Gerontol** 1981 May;11(3):87–90 (Eng. Abstr.) **(Ger)**

AURICULAR FIBRILLATION

[Use of effort tests for evaluation of the effectiveness of digitalis treatment in atrial fibrillation. Correlation with blood levels of digoxin] Gavrilescu S, et al. **Rev Med Interna [Med Interna]** 1980 Jul–Aug;32(4):325–38 (Eng. Abstr.) **(Rum)**

[Physical load tolerance in mitral and mitral-tricuspid heart defect patients] Muzhilo MS. **Vopr Revm** 1981 Jan–Mar;(1):19–23 (Eng. Abstr.) **(Rus)**

BACK

Exercises for your back. Murtagh JE. **Aust Fam Physician** 1981 Apr;10(4):241

Electromyographic activity of back musculature during Williams' flexion exercises. Blackburn SE, et al. **Phys Ther** 1981 Jun; 61(6):878–85

[Electromyographic validation of exercise for physical conditioning] Godin G, et al. **Can J Appl Sport Sci** 1981 Mar; 6(1):45–51 (Eng. Abstr.) **(Fre)**

BALLISTOCARDIOGRAPHY

A new method for long-term monitoring of the ballistocardiogram, heart rate, and respiration. Alihanka J, et al. **Am J Physiol** 1981 May;240(5):R384–92

BASAL METABOLISM

Energy expenditure in obese women on a reducing diet. Zahorska-Markiewicz B. **Acta Physiol Pol** 1981 Jan–Feb; 32(1):99–102

Metabolic rate and blood hormone and metabolite levels of individuals susceptible to malignant hyperpyrexia at rest and in response to food and mild exercise. Campbell IT, et al. **Anesthesiology** 1981 Jul;55(1):46–52

The effect of addition of exercise to a regime of dietary restriction on weight loss, nitrogen balance, resting metabolic rate and spontaneous physical activity in three obese women in a metabolic ward. Warwick PM, et al. **Int J Obes** 1981; 5(1):25–32

BASEBALL

Nonunion of olecranon epiphysis: two cases in adolescent baseball pitchers. Pavlov H, et al. **AJR** 1981 Apr;136(4):819–20

Baseball injuries to the hand. Dawson WJ, et al. **Ann Emerg Med** 1981 Jun;10(6):302–6

BIOMECHANICS

Objective evaluation of a splint designed to reduce hypertonicity. McPherson JJ. **Am J Occup Ther** 1981 Mar;35(3):189–94

Mechanical considerations in myopia: relative effects of accommodation, convergence, intraocular pressure, and the extraocular muscles. Greene PR. **Am J Optom Physiol Opt** 1980 Dec;57(12):902–14

The measured effect of taping on combined foot and ankle motion before and after exercise. Fumich RM, et al. **Am J Sports Med** 1981 May–Jun;9(3):165–70

Isokinetic fatigue curves at different contractile velocities. Barnes WS. **Arch Phys Med Rehabil** 1981 Feb;62(2):66–9

A guide to the prevention of running injuries. Clement DB, et al. **Aust Fam Physician** 1981 Mar;10(3):156–61, 163–4

Transient depolarisation and action potential alterations following mechanical changes in isolated myocardium. Lab MJ. **Cardiovasc Res** 1980 Dec;14(11):624–37

Bioengineering analysis of head and spine injuries. Sances A Jr, et al. **CRC Crit Rev Bioeng** 1981;5(2):79–122 (340 ref.)

Mechanical energy analyses of the human during local carriage on a treadmill. Pierrynowsi MR, et al. **Ergonomics** 1981 Jan; 24(1):1–14

Effects on torque angle curve of differences between the recorded tibia-calcaneal angle and the true anatomical angle. Tardieu C, et al. **Eur J Applied Physiol** 1981;46(1):41–6

Computers to aid athletes' performance [editorial] Llaurado JG. **Int J Biomed Comput** 1981 Jan;12(1):3–5

Viscoelastic properties of bladder strips: standardization of a technique. Susset JG, et al. **Invest Urol** 1981 May; 18(8):445–50

Biomechanics gait evaluation. Blake RL, et al. **J Am Podiatry Assoc** 1981 Jun;71(6):341–3

Evaluation of muscular movements at the lower limb joints by an on-line processing of kinematic data and ground reaction. Boccardi S, et al. **J Biomech** 1981;14(1):35–45

Simulation of modified human airborne movements. Dapena J. **J Biomech** 1981;14(2):81–9

The biochemical properties of connective tissue in rabbits as influenced by short-term glucocorticoid treatment. Oxlund H, et al. **J Biomech** 1981;14(3):129–33

Hindlimb muscular activity, kinetics and kinematics of cats jumping to their maximum achievable heights. Zajac FE, et al. **J Exp Biol** 1981 Apr;91:73–86

Relative tension and potential excursion of muscles in the forearm and hand. Brand PW, et al. **J Hand Surg** 1981 MAY; 6(3):209–19

Method for determining the physiologic equilibrium point of the mandible. Tradowsky M, et al. **J Prosthet Dent** 1981 May; 45(5):558–63

The quadriceps complex in bipedal man. Fisk R, et al. **JAOA** 1980 Dec;80(4):291–4

The spinal cord as organizer of disease processes: IV. Axonal transport and neurotrophic function in relation to somatic dysfunction. Korr IM. **JAOA** 1981 Mar;80(7):451–9

Force and mobility in the ageing human tongue. Price PA, et al. **Med J Aust** 1981 Jan 24;1(2):75–8

Mathematical modelling and simulation of a tennis racket. Brannigan M, et al. **Med Sci Sports Exerc** 1981;13(1):44–53

A model for gymnastics vaulting. Dainis A. **Med Sci Sports Exerc** 1981;13(1):34–43

Biomechanics of sit-up exercises. Ricci B, et al. **Med Sci Sports Exerc** 1981;13(1):54–9

New 'movement synthesis' for nurses and patients. Gabriel J. **Nurs Careers** 1981 Jan–Feb;2(1):22–3

Backache: lean back and exercise. Evans D. **Nurs Mirror** 1981 Jun 10;152(24):16–9

Factors of safety in the structure of animals. Alexander RM. **Sci Prog** 1981 Spring;67(265):109–30 (44 ref.)

[The recruitment of motor units during elbow flexions in man] Mariani J, et al. **Electrodiagn Ther** 1979;16(1):32–40 (Eng. Abstr.) **(Fre)**

[Angiographic frame-by-frame computerized evaluation of overall and regional left ventricular wall motion (author's transl)] Azancot I, et al. **J Physiol (Paris)** 1980;76(7):731–9 (Eng. Abstr.) **(Fre)**

[Mechanical effects of femoral anteversion of the hip. Assessment of the validity of Pauwels' theory (author's transl)] Frain P. **Rev Chir Orthop** 1981;67(1):1–9 (Eng. Abstr.) **(Fre)**

[Evaluation of muscle function disorders in arthrosis using the knee joint as model] Dippold A. **Beitr Orthop Traumatol** 1981 Feb; 28(2):109–15 (Eng. Abstr.) **(Ger)**

[Orthostatis stress from standing at work] Dupuis H, et al. **Soz Praeventivmed** 1980 Dec;25(6):375–80 (Eng. Abstr.) **(Ger)**

[Wear measurements of hip prostheses with UHMW polyethylene (RCH-1000) socket and chromium plated protasul-10 head (author's transl)] Afifi KF, et al. **Z Orthop** 1981 Apr; 119(2):157–62 (Eng. Abstr.) **(Ger)**

[The stresses in femur (author's transl)] Rohlmann A, et al. **Z Orthop** 1981 Apr;119(2):163–6 (Eng. Abstr.) **(Ger)**

[Optimization of human movements using computers] Zinkovskii AV, et al. **Biofizika** 1981 Jan–Feb;26(1):113–6 (Eng. Abstr.) **(Rus)**

BLOOD GAS ANALYSIS

Energy cost of submaximal isometric concentrations in cat fast and slow twitch muscles. Sawka MN, et al. **Pfluegers Arch** 1981 May;390(2):164–8

Standardized ergometer exercise in trained rowers: effect on reversible platelet microaggregates and platelet aggregation. Silberbauer K, et al. **Vasa** 1981;10(1):4–8

[Physiological adjustment to physical training at high altitudes] Karvonen J. **Lakartidningen** 1981;78(14):1445–7 (Eng. Abstr.) **(Swe)**

PHYSICAL FITNESS/SPORTS MEDICINE

BLOOD PRESSURE

Evaluation of patients with only marginally abnormal arm-ankle blood pressure gradients suspected of arterial obliterative disease. Eickhoff JH, et al. **Acta Chir Scand [Suppl]** 1980;502:21-6

Physical activity at work and at leisure in relation to coronary risk factors and social class. A 4-year mortality follow-up. The Oslo study. Holme I, et al. **Acta Med Scand** 1981; 209(4):277-83

Hemodynamic and metabolic long-term effects of tienilic acid in essential hypertension. Lund-Johansen P. **Acta Med Scand [Suppl]** 1981;646:106-14

Relation between ST-depression and chest pain in patients with coronary heart disease receiving no treatment and after beta-blockade and combined alpha-beta-blockade. Nyberg G, et al. **Acta Med Scand [Suppl]** 1981;644:30-3

Nutrition in childhood and its relationships to early somatic growth, body fat, blood pressure, and physical fitness. Boulton J. **Acta Paediatr Scand [Suppl]** 1981;284:1-85

Exercise training in coronary heart disease: is there a cardiac effect? Amsterdam EA, et al. **Am Heart J** 1981 Jun;101(6):870-3

Reduction of exercise-induced ischemic regional myocardial dysfunction by verapamil in conscious dogs. Osakada G, et al. **Am Heart J** 1981 Jun;101(6):707-12

Comparison of the results and reproducibility of arm and leg exercise tests in men with angina pectoris. Lazarus B, et al. **Am J Cardiol** 1981 May;47(5):1075-9

Slow release oxprenolol in angina pectoris: study comparing oxprenolol, once daily, with propranolol, four times daily. Olowoyeye JO, et al. **Am J Cardiol** 1981 May;47(5):1123-7

Noninvasive assessment of left ventricular performance in patients with ischemic heart disease: ear densitographic study during uninterrupted treadmill exercise. Sugiura T, et al. **Am J Cardiol** 1981 Jul;48(1):101-5

Effects of population changes on psychological and physiological strain in kibbutz communities. Shirom A, et al. **Am J Community Psychol** 1981 Feb;9(1):27-43

Partial peripheral resistance to thyroid hormone. Kaplan MM, et al. **Am J Med** 1981 May;70(5):1115-21

I. Maternal cardiovascular and metabolic responses in normal pregnancy. Artal R, et al. **Am J Obstet Gynecol** 1981 May 15; 140(2):123-7

Intermittent claudication and hypertension. Ankle pressure and walking distance in patients with well-treated and non-treated hypertension. Janzon L, et al. **Angiology** 1981 Mar; 32(3):175-9

Treadmill exercise tests predischarge and six weeks post-myocardial infarction to detect abnormalities of known prognostic value. Starling MR, et al. **Ann Intern Med** 1981 Jun; 94(6):721-7

Exercise training in post-myocardial infarction patients: comparison of results with high risk coronary and post-bypass patients. Hartung GH, et al. **Arch Phys Med Rehabil** 1981 Apr; 62(4):147-50

Exercise effects on fitness, lipids, glucose tolerance and insulin levels in young adults. Israel RG, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):336-41

Protein synthesis in the isolated perfused rat heart. Effects of mechanical work load, diastolic ventricular pressure and coronary pressure on amino acid incorporation and its transmural distribution into left ventricular protein. Takala T. **Basic Res Cardiol** 1981 Jan-Feb;76(1):44-61

Similarities and dissimilarities between static and dynamic exercise. Asmussen E. **Circ Res** 1981 Jun;48(6 Pt 2):I3-10 (18 ref.)

Similarity of the hemodynamic responses to static and dynamic exercise of small muscle groups. Blomqvist CG, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I87-92

Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Haskell WL, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I156-61

Effect of static and dynamic exercise on heart volume, contractility, and left ventricular dimensions. Keul J, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I162-70

Cardiovascular response to combined dynamic and static exercise. Kilbom A, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I93-7

Response of arterial blood pressure to static exercise in relation to muscle mass, force development, and electromyographic activity. Mitchell JH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I70-5

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I138-48

Factors determining the blood pressure responses to isometric exercise. Perez-Gonzalez JE. **Circ Res** 1981 Jun; 48(6 Pt 2):I76-86 (43 ref.)

The influence of fiber composition, recruitment order and muscle temperature on the pressor response to isometric contractions in skeletal muscle of the cat. Petrofsky JS, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I32-6

Different behavior of the resistance vessels of the human calf and forearm during contralateral isometric exercise, mental stress, and abnormal respiratory movements. Rusch NJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I118-30

Static (isometric) exercise. Retrospection and introspection. Shepherd JT, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I179-88 (96 ref.)

Passive stiffness of pressure-induced hypertrophied cat myocardium. Williams JF Jr, et al. **Circ Res** 1981 Jul; 49(1):211-5

Role of sensory nerves in the cardiovascular and respiratory changes with isometric forearm exercise in man. Duncan O, et al. **Clin Sci** 1981 Feb;60(2):145-55

Cardiovascular and autonomic reflexes in haemodialysis patients. Naik RB, et al. **Clin Sci** 1981 Feb;60(2):165-70

Influence of sympatholytic drugs on the cardiovascular response to isometric exercise. Watt SJ, et al. **Clin Sci** 1981 Feb; 60(2):139-43

Assessment of physical fitness of sedentary and physically active male college students by a modified Harvard step test. Bandyopadhyay B, et al. **Ergonomics** 1981 Jan;24(1):15-20

The effect of handgrip span on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1980 Dec;23(12):1129-35

Increased plasma HDL-cholesterol and apo A-1 in sedentary middle-aged men after physical conditioning. Kiens B, et al. **Eur J Clin Invest** 1980 Jun;10(3):203-9

Prolonged isometric exercise. Part 2: Effect on circulation and on renal excretion of sodium and potassium in young males genetically predisposed to hypertension. Parfrey PS, et al. **Hypertension** 1981 Mar-Apr;3(2):188-91

Prolonged isometric exercise. Part 1: Effect on circulation and on renal excretion of sodium and potassium in mild essential hypertension. Parfrey PS, et al. **Hypertension** 1981 Mar-Apr; 3(2):182-7

The role of exercise in the treatment of hypertension in obesity. Horton ES. **Int J Obes** 1981;5 suppl 1:165-71 (35 ref.)

Exercise blood pressure response--a predictor of severity of aortic stenosis in children. Alpert BS, et al. **J Pediatr** 1981 May; 98(5):763-5

Handgrip-induced negative U-wave in electrocardiogram of hypertensive subjects. Fu LT, et al. **Jpn Heart J** 1981 Jan; 22(1):59-73

Cuff and ambulatory blood pressure in subjects with essential hypertension. Floras JS, et al. **Lancet** 1981 Jul 18; 2(8238):107-9

Pre-discharge exercise testing involving weight carrying after myocardial infarction. Logan R, et al. **NZ Med J** 1981 Feb 11; 93(677):69-71

Exercise-tolerance testing in children. Klein AA. **Pediatr Ann** 1981 Mar;10(3):106-12

Haemodynamic and metabolic responses to physical training in chronic renal failure. Röseler E, et al. **Proc Eur Dial Transplant Assoc** 1980;17:702-6

Respiratory and hemodynamic effects of methadone in pregnant women. Metcalfe J, et al. **Respir Physiol** 1980 Dec; 42(3):383-93

Ventilatory and pressor response to isometric exercise in normal subjects. Bosisio E, et al. **Respiration** 1980;40(6):337-43

Effects of antihypertensive drug therapy on responses to isometric exercise. McAllister RG Jr. **South Med J** 1981 Jun; 74(6):700-3

[Importance of the ergometric test in detecting latent hypertension (preliminary report)] Dvořák I, et al. **Vnitr Lek** 1981 May; 27(5):435-9 (Eng. Abstr.) **(Cze)**

[Correlations between exercise tests and calculation of energy indices during a training program in the ambulatory period of a stabilized posterior myocardial infarct] Birkui PJ, et al. **G Ital Cardiol** 1980;10(10):1321-7 (Eng. Abstr.) **(Fre)**

[Angiographic frame-by-frame computerized evaluation of overall and regional left ventricular wall motion (author's transl)] Azancot I, et al. **J Physiol (Paris)** 1980;76(7):731-9 (Eng. Abstr.) **(Fre)**

[The behavior of the physical performance capacity and the trainability of the cardio-pulmonary system in elder persons (author's transl)] Hollmann W, et al. **Aktule Gerontol** 1981 May; 11(3):91-5 (Eng. Abstr.) **(Ger)**

[Circadian variation of ischaemic ST lowering in exercise ECG (author's transl)] Strasser R, et al. **Dtsch Med Wochenschr** 1981 Apr 3;106(14):424-7 (Eng. Abstr.) **(Ger)**

[Outpatient coronary groups. 1st experiences with high-risk infarct patients after a year's model experiment] Buchbinder W, et al. **Fortschr Med** 1981 Apr 2;99(13):443-6 (Eng. Abstr.) **(Ger)**

[Influence of physical training on resting and exercise haemodynamics in patients after acute myocardial infarction (author's transl)] Fitscha P, et al. **Wien Klin Wochenschr** 1981 Jan 23;93(2):45-9 (Eng. Abstr.) **(Ger)**

[Response of the heart rate and blood pressure to exertion - criterion for the differential therapy of hypertension] Behn P, et al. **Z Gesamte Inn Med** 1980 Dec 15;35(24):866-73 (Eng. Abstr.) **(Ger)**

BLOOD PRESSURE

[Sports, physical activity and risk for coronary heart disease (author's transl)] Pfisterer M. **Z Kardiol** 1981 Feb; 70(2):104–10 (Eng. Abstr.) **(Ger)**

[Modifications of some cardiorespiratory parameters under a controlled work–load in a group of football players, winners of Italian championship football] Minelli R, et al. **Boll Soc Ital Biol Sper** 1980 Nov 15;56(21):2241–7 (Eng. Abstr.) **(Ita)**

[Physical work capacity prognosis of hypertensive patients] Martynov AA, et al. **Kardiologiia** 1981 Mar;21(3):47–50 (Eng. Abstr.) **(Rus)**

[Criterion for assessing the arterial pressure response to bicycle ergometric loading in the hypertension treatment process] Zamotaev IP, et al. **Kardiologiia** 1981 Mar;21(3):41–4 (Eng. Abstr.) **(Rus)**

[The physical fitness of 18–year–old conscripts from the Prešov District] Kříž M. **Cesk Zdrav** 1981 Mar;29(3):102–9 (Eng. Abstr.) **(Slo)**

BLOOD PRESSURE DETERMINATION

Cuff and ambulatory blood pressure in subjects with essential hypertension. Floras JS, et al. **Lancet** 1981 Jul 18; 2(8238):107–9

Early prediction of hypertension using exercise blood pressure. Wilson NV, et al. **Prev Med** 1981 Jan;10(1):62–8

[The reactive hyperemia test; a simple method for testing peripheral arterial circulation during effort] Verhagen PF, et al. **Ned Tijdschr Geneeskd** 1981 Mar 21;125(12):466–9 (Eng. Abstr.) **(Dut)**

[Automatic indirect measurement of blood pressure in resting and exercising subjects: analysis of the Korotkov sound pattern; variable 'time gate' for artifact suppression (author's transl)] Bertram B, et al. **Biomed Tech (Berlin)** 1981 Apr;26(4):81–4 (Eng. Abstr.) **(Ger)**

BODY COMPOSITION

A comparative study of body composition of urban and rural Japanese boys 12 to 14 years old. Anzai I, et al. **Ann Hum Biol** 1981 Mar–Apr;8(2):109–17

Maximum aerobic power and body composition during the puberty growth period: similarities and differences between children of two European countries. Rutenfranz J, et al. **Eur J Pediatr** 1981 May;136(2):123–33

Body composition and maximal aerobic power of rugby union forwards. Bell W. **J Sports Med Phys Fitness** 1980 Dec; 20(4):447–51

Body–composition, somatotype and some motor performance of judoists. Farmosi I. **J Sports Med Phys Fitness** 1980 Dec; 20(4):431–4

The effect of training on some morphological parameters of top-ranking Indian basketball players. Muthiah CM, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):405–12

A study of morphology and body composition of Indian basketball players. Sodhi HS. **J Sports Med Phys Fitness** 1980 Dec; 20(4):413–22

'Post–coronary' rehabilitation, body composition, and recurrent infarction. An analysis of data from the Ontario Exercise–Heart Collaborative Study. Shephard RJ. **Nutr Metab** 1980; 24(6):383–95

Fitness evaluation. Hojnacki LH. **Top Clin Nurs** 1981 Jul; 3(2):11–22

BODY CONSTITUTION

A comparative study of body composition of urban and rural Japanese boys 12 to 14 years old. Anzai I, et al. **Ann Hum Biol** 1981 Mar–Apr;8(2):109–17

Some anthropometric and functional dimensions of the pygmy (Kivu Twa). Ghesquiere JL, et al. **Ann Hum Biol** 1981 Mar–Apr; 8(2):119–34

BODY HEIGHT

Nutrition in childhood and its relationships to early somatic growth, body fat, blood pressure, and physical fitness. Boulton J. **Acta Paediatr Scand [Suppl]** 1981;284:1–85

Some anthropometric and functional dimensions of the pygmy (Kivu Twa). Ghesquiere JL, et al. **Ann Hum Biol** 1981 Mar–Apr; 8(2):119–34

Assessment of physical fitness of sedentary and physically active male college students by a modified Harvard step test. Bandyopadhyay B, et al. **Ergonomics** 1981 Jan;24(1):15–20

An attempt at the classification of adolescents into sprint or endurance types. Kanehisa H, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):441–6

[Correlations between the components of the test for the evaluation of physical performance II of the Canadian Association of Health, Physical Education and Recreation] Massicotte D, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):11–5 (Eng. Abstr.) **(Fre)**

[Heritability index for diagnosing talent and aptitude in children and teenagers] Weiss V. **Gegenbaurs Morphol Jahrb** 1980; 126(6):865–72 (Eng. Abstr.) **(Ger)**

BODY TEMPERATURE

Alcohol ingestion and man's ability to adapt to exercise in a cold environment. Graham T. **Can J Appl Sport Sci** 1981 Mar; 6(1):27–31

The effect of water deficit on body temperature during rugby. Cohen I, et al. **S Afr Med J** 1981 Jul 4;60(1):11–4

Venous gas bubble production following cold stress during a no–decompression dive. Dunford R, et al. **Undersea Biomed Res** 1981 Mar;8(1):41–9

BODY TEMPERATURE REGULATION

Heat acclimatization, its decay and reinduction in young Caucasian females. Stephens RL, et al. **Am Ind Hyg Assoc J** 1981 Jan; 42(1):12–7

An algebra for adiposity? Skyler JS, et al. **Diabetes Care** 1981 Mar–Apr;4(2):328–9

Thermal responses to exercise in children. Davies CT. **Ergonomics** 1981 Jan;24(1):55–61

Alcohol consumption in rats: effects on work capacity in the heat. Francesconi R, et al. **J Appl Physiol** 1981 May;50(5):1006–10

Work of breathing in dog during exercise. Saibene F, et al. **J Appl Physiol** 1981 May;50(5):1087–92

An analysis of exercise as a stimulus for the production of airway obstruction. McFadden ER Jr. **Lung** 1981;159(1):3–11 (49 ref.)

Predictive validity of a computer model of body temperature during exercise. Hancock PA. **Med Sci Sports Exerc** 1981; 13(1):31–3

[Microcalorimetric and myographic analysis of the causes of changes in the ratio of heat loss to work accomplished during muscular activity] Prudnikov VM, et al. **Fiziol Zh SSSR** 1981 Feb;67(2):313–9 (Eng. Abstr.) **(Rus)**

BODY WEIGHT

Energy expenditure in obese women on a reducing diet. Zahorska–Markiewicz B. **Acta Physiol Pol** 1981 Jan–Feb; 32(1):99–102

Approximate normal standards of maximal cardiac output during upright exercise in women. Hossack KF, et al. **Am J Cardiol** 1981 May;47(5):1080–6

Relative role of caloric restriction and exercise training upon susceptibility to isoproterenol–induced myocardial infarction in male rats. Crandall DL, et al. **Am J Clin Nutr** 1981 May; 34(5):841–7

Some anthropometric and functional dimensions of the pygmy (Kivu Twa). Ghesquiere JL, et al. **Ann Hum Biol** 1981 Mar–Apr; 8(2):119–34

Exercise training in post–myocardial infarction patients: comparison of results with high risk coronary and post–bypass patients. Hartung GH, et al. **Arch Phys Med Rehabil** 1981 Apr; 62(4):147–50

Aerobic exercise effects on lipoproteins and tissue lipids in young pigs. Forsythe WA, et al. **Atherosclerosis** 1981 Feb–Mar; 38(3–4):327–37

Cardiovascular response to static exercise in the conscious cat. Gonyea WJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I63–9

Assessment of physical fitness of sedentary and physically active male college students by a modified Harvard step test. Bandyopadhyay B, et al. **Ergonomics** 1981 Jan;24(1):15–20

The influence of body fat on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1981 Mar;24(3):215–22

Increased plasma HDL–cholesterol and apo A–1 in sedentary middle–aged men after physical conditioning. Kiens B, et al. **Eur J Clin Invest** 1980 Jun;10(3):203–9

Genetic and environmental influences on the strength and motor performance of Philadelphia school children. Malina RM, et al. **Hum Biol** 1981 May;53(2):163–79

The role of exercise in the treatment of hypertension in obesity. Horton ES. **Int J Obes** 1981;5 suppl 1:165–71 (35 ref.)

Evaluation and component analysis of a comprehensive weight control program. Miller PM, et al. **Int J Obes** 1981; 5(1):57–65

The effect of addition of exercise to a regime of dietary restriction on weight loss, nitrogen balance, resting metabolic rate and spontaneous physical activity in three obese women in a metabolic ward. Warwick PM, et al. **Int J Obes** 1981; 5(1):25–32

Effects of exercise on the biochemical aging of mammalian myocardium. I. Actomyosin ATPase. Rockstein M, et al. **J Gerontol** 1981 May;36(3):294–7

Capillary increase in the skeletal muscle of trained young and adult rats. Adolfsson J, et al. **J Physiol (Lond)** 1981 Jan;310:529–32

Body composition and maximal aerobic power of rugby union forwards. Bell W. **J Sports Med Phys Fitness** 1980 Dec; 20(4):447–51

Body–composition, somatotype and some motor performance of judoists. Farmosi I. **J Sports Med Phys Fitness** 1980 Dec; 20(4):431–4

An attempt at the classification of adolescents into sprint or endurance types. Kanehisa H, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):441–6

Correlation between efficiency in cycling and maximal power of human extensor muscles. Miyashita M, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):365–70

A comparison of women intercollegiate basketball players, volleyball players and non–athletes. Morrow JR Jr, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):435–40

A study of morphology and body composition of Indian basketball players. Sodhi HS. **J Sports Med Phys Fitness** 1980 Dec; 20(4):413–22

Peripheral markers of thyroid status unaffected by endurance training in rats. Winder WW, et al. **Pfluegers Arch** 1981 Mar; 389(3):195–8

The motor performance of educable mentally retarded and intellectually normal boys after covariate control for differences in body size. Dobbins DA, et al. **Res Q Exerc Sport** 1981 Mar; 52(1):1–8

Design of the mammalian respiratory system. V. Scaling morphometric pulmonary diffusing capacity to body mass: wild and domestic mammals. Gehr P, et al. **Respir Physiol** 1981 Apr; 44(1):61–86

Design of the mammalian respiratory system. II Measuring maximum aerobic capacity. Seeherman HJ, et al. **Respir Physiol** 1981 Apr;44(1):11–23

Design of the mammalian respiratory system. III Scaling maximum aerobic capacity to body mass: wild and domestic mammals. Taylor CR, et al. **Respir Physiol** 1981 Apr;44(1):25–37

Fitness evaluation. Hojnacki LH. **Top Clin Nurs** 1981 Jul; 3(2):11–22

[Correlations between the components of the test for the evaluation of physical performance II of the Canadian Association of Health, Physical Education and Recreation] Massicotte D, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):11–5 (Eng. Abstr.) **(Fre)**

[Heritability index for diagnosing talent and aptitude in children and teenagers] Weiss V. **Gegenbaurs Morphol Jahrb** 1980; 126(6):865–72 (Eng. Abstr.) **(Ger)**

[Sports, physical activity and risk for coronary heart disease (author's transl)] Pfisterer M. **Z Kardiol** 1981 Feb; 70(2):104–10 (Eng. Abstr.) **(Ger)**

[The clinical evaluation of teronac (Mazindol) in the treatment of children with obesity. Part I. Effect of the drug on somatic patterns and exercise capacity (author's transl)] Golebiowska M, et al. **Przegl Lek** 1981;38(2):311–4 (Eng. Abstr.) **(Pol)**

[Role of the thyroid gland in skeletal muscle adaptation to increased motor activity] Seene TP, et al. **Fiziol Zh SSSR** 1981 Feb; 67(2):299–305 (Eng. Abstr.) **(Rus)**

[Study of the mass–inertia characteristics of human body segments by the gamma scanning method during 6 months of hypokinesia] Tishler VA, et al. **Kosm Biol Aviakosm Med** 1981 Jan–Feb; 15(1):36–42 (Eng. Abstr.) **(Rus)**

[Energy expenditures and the functional state of the neuromuscular system in athletes regulating body weight by use of a low–calorie diet] Shubin VI, et al. **Vopr Pitan** 1981 Jan–Feb;(1):11–5 (Eng. Abstr.) **(Rus)**

BONE AND BONES

Flexibility and musculoskeletal symptomatology in female gymnasts and age–matched controls. Kirby RL, et al. **Am J Sports Med** 1981 May–Jun;9(3):160–4

Hemodialysis encephalopathy with osteomalacic fractures and muscle weakness. Pierides AM, et al. **Kidney Int** 1980 Jul; 18(1):115–24

Physical activity and calcium modalities for bone mineral increase in aged women. Smith EL Jr, et al. **Med Sci Sports Exerc** 1981; 13(1):60–4

Intense exercise, bone structure and blood calcium levels in vertebrates. Ruben JA, et al. **Nature** 1981 Jun 4; 291(5814):411–3

Factors of safety in the structure of animals. Alexander RM. **Sci Pr[illegible]** 1981 Spring;67(265):109–30 (44 ref.)

BOXING

Boxing. Hu[illegible] H. **Resuscitation** 1980 Dec;8(4):211–5

[Posturography and expert appraisal of cranio–cervical post–injury syndromes in sportsmen] Engel JC, et al. **Agressologie** 1981; 22(A):41–50 (Eng. Abstr.) **(Fre)**

BRADYCARDIA

The effects of the bradycardia–producing compound alinidine on action potentials and tension development in cardiac fibres. Tritthart HA, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Apr;316(2):172–7

BRAIN INJURIES

[Severe collisions head injury in skiing (author's transl)] Oh S, et al. **Praxis** 1981 Mar 3;70(10):408–13 (Eng. Abstr.) **(Ger)**

BREATHING EXERCISES

Effects of breathing retraining in patients with chronic obstructive pulmonary disease. Casciari RJ, et al. **Chest** 1981 Apr; 79(4):393–8

COPD therapy begins at home with breathing device [news] Gunby P. **JAMA** 1981 Jul 24–31;246(4):323–4

Inspiratory muscle function following abdominal weight exercises in healthy subjects. Merrick J, et al. **Phys Ther** 1981 May; 61(5):651–6

Treatment of disease without the use of drugs. V. Phasing out of benzodiazepine and amitriptyline medication with thought control. Sim MK, et al. **Singapore Med J** 1980 Aug; 21(4):655–7

Maximal inspiratory volume and postoperative pulmonary complications. Alexander GD, et al. **Surg Gynecol Obstet** 1981 May;152(5):601–3

[Outpatient coronary groups. 1st experiences with high–risk infarct patients after a year's model experiment] Buchbinder W, et al. **Fortschr Med** 1981 Apr 2;99(13):443–6 (Eng. Abstr.) **(Ger)**

BRONCHIAL PROVOCATION TESTS

[Clinical interest of bronchial challenge tests (author's transl)] Bracamonte M, et al. **Rev Med Brux** 1981 Feb;2(2):89–91 (Eng. Abstr.) **(Fre)**

BUNDLE–BRANCH BLOCK

Rest and exercise electrocardiograms and radionuclides in patients presenting for cardiac rehabilitation. Froelicher VF, et al. **Clin Cardiol** 1981 Mar;4(2):59–66

'High–risk' bundle branch block. Rahimtoola SH, et al. **Hosp Pract** 1981 Jan;16(1):73–80, 85–7, 91–2

BURSITIS

Mathematical modelling and simulation of a tennis racket. Brannigan M, et al. **Med Sci Sports Exerc** 1981;13(1):44–53

CALCANEUS

Effects on torque angle curve of differences between the recorded tibia–calcaneal angle and the true anatomical angle. Tardieu C, et al. **Eur J Applied Physiol** 1981;46(1):41–6

CALISTHENICS

[Physical rehabilitation. A further therapeutic instrument in treatment of coronary disease] Marra S, et al. **Minerva Cardioangiol** 1981 Jan–Feb;29(1–2):19–26 (43 ref.) (Eng. Abstr.) **(Ita)**

CALORIMETRY, INDIRECT

Metabolic rate and blood hormone and metabolite levels of individuals susceptible to malignant hyperpyrexia at rest and in response to food and mild exercise. Campbell IT, et al. **Anesthesiology** 1981 Jul;55(1):46–52

CARBON DIOXIDE

Plasma biochemical changes and acid–base equilibrium changes in capillary blood nursing frequency repeated submaximal physical exercise in untrained subjects. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):601–11

Uptake and release of energy substrates, oxygen, and carbon dioxide by the hindlimb of the fasting infant baboon. Levitsky LL, et al. **Biol Neonate** 1981;39(1–2):105–12

Alcohol ingestion and man's ability to adapt to exercise in a cold environment. Graham T. **Can J Appl Sport Sci** 1981 Mar; 6(1):27–31

Reflex effects on human breathing of breath–by–breath changes of the time profile of alveolar PCO2 during steady hypoxia. Metias EF, et al. **Pfluegers Arch** 1981 Mar;389(3):243–50

Carotid chemoreceptor function in ventilatory and circulatory O2 convection of exercising dogs at low and high altitude. Bouverot P, et al. **Respir Physiol** 1981 Feb;43(2):147–67

Ventilatory and pressor response to isometric exercise in normal subjects. Bosisio E, et al. **Respiration** 1980;40(6):337–43

Role of chemosensitivity during exercise in normal subjects and patients with pulmonary emphysema. Kawakami Y, et al. **Respiration** 1981;41(1):1–7

PHYSICAL FITNESS/SPORTS MEDICINE

CARBON DIOXIDE

Hyperpnea: the common stimulus for bronchospasm in asthma during exercise and voluntary isocapnic hyperpnea. Kivity S, et al. **Respiration** 1980;40(4):169-77

[Ventilatory responses to exercise in the athlete and healthy subjects (author's transl)] Yoshida M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):675-85 (Eng. Abstr.) **(Jpn)**

[Effect of exercise therapy on the PH, pO2 and pCO2 of capillary blood of centrally paralyzed limbs after stroke] Kawiak W, et al. **Neurol Neurochir Pol** 1980;14(6):609-16 (Eng. Abstr.) **(Pol)**

[Effect of a hyperbaric nitrogen-oxygen atmosphere on respiratory center activity] Breslav IS, et al. **Kosm Biol Aviakosm Med** 1981 Jan-Feb;15(1):88-9 (Eng. Abstr.) **(Rus)**

CARDIAC OUTPUT

Hemodynamic and metabolic long-term effects of tienilic acid in essential hypertension. Lund-Johansen P. **Acta Med Scand [Suppl]** 1981;646:106-14

Exercise training in coronary heart disease: is there a cardiac effect? Amsterdam EA, et al. **Am Heart J** 1981 Jun;101(6):870-3

Approximate normal standards of maximal cardiac output during upright exercise in women. Hossack KF, et al. **Am J Cardiol** 1981 May;47(5):1080-6

Ventilation-perfusion distribution in young and old volunteers during mild exercise. Derks CM. **Bull Eur Physiopathol Respir** 1980;16(2):145-54

Similarities and dissimilarities between static and dynamic exercise. Asmussen E. **Circ Res** 1981 Jun;48(6 Pt 2):I3-10 (18 ref.)

Similarity of the hemodynamic responses to static and dynamic exercise of small muscle groups. Blomqvist CG, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I87-92

Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Haskell WL, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I156-61

Effect of static and dynamic exercise on heart volume, contractility, and left ventricular dimensions. Keul J, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I162-70

Cardiovascular response to combined dynamic and static exercise. Kilbom A, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I93-7

Chronic training with static and dynamic exercise: cardiovascular adaptation, and response to exercise. Longhurst JC, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I171-8

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I138-48

Factors determining the blood pressure responses to isometric exercise. Perez-Gonzalez JE. **Circ Res** 1981 Jun;48(6 Pt 2):I76-86 (43 ref.)

Rest and exercise electrocardiograms and radionuclides in patients presenting for cardiac rehabilitation. Froelicher VF, et al. **Clin Cardiol** 1981 Mar;4(2):59-66

Acute effects of cigarette smoking on left ventricular function at rest and exercise. Behr MJ, et al. **Med Sci Sports Exerc** 1981;13(1):9-12

Cardiac output measured by acetylene rebreathing technique at rest and during exercise. Comparison of results obtained by various calculation procedures. Kanstrup IL, et al. **Pfluegers Arch** 1981 May;390(2):179-85

Haemodynamic and metabolic responses to physical training in chronic renal failure. Röseler E, et al. **Proc Eur Dial Transplant Assoc** 1980;17:702-6

Hemodynamic characteristics in chronic obstructive lung disease as related to cardiac size. Hutsebaut J, et al. **Respiration** 1981;41(1):25-32

Role of chemosensitivity during exercise in normal subjects and patients with pulmonary emphysema. Kawakami Y, et al. **Respiration** 1981;41(1):1-7

[The behavior of the physical performance capacity and the trainability of the cardio-pulmonary system in elder persons (author's transl)] Hollmann W, et al. **Aktule Gerontol** 1981 May;11(3):91-5 (Eng. Abstr.) **(Ger)**

[Exercise testing in chronic pulmonary emphysema (author's transl)] Kawakami Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):705-10 (Eng. Abstr.) **(Jpn)**

CARDIOVASCULAR SYSTEM

Reduction of exercise-induced ischemic regional myocardial dysfunction by verapamil in conscious dogs. Osakada G, et al. **Am Heart J** 1981 Jun;101(6):707-12

Static (isometric) exercise. Cardiovascular responses and neural control mechanisms. Proceedings of the 2nd Harry S. Moss International Symposium, Dallas, Texas, October 8-10, 1979. **Circ Res** 1981 Jun;48(6 Pt 2):I1-188

Cardiovascular response to static exercise in the conscious cat. Gonyea WJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I63-9

Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Haskell WL, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I156-61

Central projections from ergoreceptors (C fibers) in muscle involved in cardiopulmonary responses to static exercise. Kalia M, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I48-62

Cardiovascular response to combined dynamic and static exercise. Kilbom A, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I93-7

Chronic training with static and dynamic exercise: cardiovascular adaptation, and response to exercise. Longhurst JC, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I171-8

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I138-48

Factors determining the blood pressure responses to isometric exercise. Perez-Gonzalez JE. **Circ Res** 1981 Jun;48(6 Pt 2):I76-86 (43 ref.)

Cardiovascular responses to muscle ischemia in humans. Rowell LB, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I37-47

Clinical implications of the diving response [editorial] **Lancet** 1981 Jun 27;1(8235):1403-4

Orthostatic tolerance and exercise response before and after 7 days simulated weightlessness. Guell A, et al. **Physiologist** 1980 Dec;23(Suppl 6):S151-2

Physiologic Intervention in Cardiovascular Nuclear Medicine. Wexler JP, et al. **Semin Nucl Med** 1981 Apr;11(2):68-79

Exercise and the maintenance of health. Halfman MA, et al. **Top Clin Nurs** 1981 Jul;3(2):1-10

Running: immunization against the diseases of hypokinesis. Harvey MA, et al. **Top Clin Nurs** 1981 Jul;3(2):41-51

[Evaluation of the cardiovascular fitness for sports. Which sports? For whom?] Broustet JP, et al. **Rev Prat** 1981 May 1;31(25):1773-4, 1777-8, 1781-3 (Eng. Abstr.) **(Fre)**

[Cardiovascular adaptation to exercise and training] Castaigne A, et al. **Rev Prat** 1981 May 1;31(25):1757-8, 1961-2, 1965-71 (Eng. Abstr.) **(Fre)**

[Principles of training technics and the cardiovascular monitoring of training] Cousteau JP. **Rev Prat** 1981 May 1;31(25):1833-6 (Eng. Abstr.) **(Fre)**

[The practice of sports, a treatment for coronary disease] Letac B, et al. **Rev Prat** 1981 May 1;31(25):1795-8, 1801-2, 1805-7 (Eng. Abstr.) **(Fre)**

[Doping and its cardiovascular effects] Miserez P. **Rev Prat** 1981 May 1;31(25):1827-31 (Eng. Abstr.) **(Fre)**

[Cardiovascular fitness sports in children] Pernot C. **Rev Prat** 1981 May 1;31(25):1785-8, 1793 (Eng. Abstr.) **(Fre)**

[Functional state of the cardiovascular system in patients operated on for a secondary atrial septal defect] Zin'kovskii MF, et al. **Kardiologiia** 1981 Feb;21(2):102-4 (Eng. Abstr.) **(Rus)**

CARNITINE

Increased acetyl carnitine in rat skeletal muscle as a result of high-intensity short-duration exercise. Implications in the control of pyruvate dehydrogenase activity. Carter AL, et al. **FEBS Lett** 1981 Apr 6;126(1):21-4

Alternate or supplemental energy sources. Birkhahn RH, et al. **JPEN** 1981 Jan-Feb;5(1):24-31 (60 ref.)

CASTS, SURGICAL

Knee rehabilitation after anterior cruciate ligament reconstruction and repair. Paulos L, et al. **Am J Sports Med** 1981 May-Jun;9(3):140-9

CHOLESTEROL

Physical activity at work and at leisure in relation to coronary risk factors and social class. A 4-year mortality follow-up. The Oslo study. Holme I, et al. **Acta Med Scand** 1981;209(4):277-83

Pediatric aspects of atherosclerosis. Voller RD Jr, et al. **Am Heart J** 1981 Jun;101(6):815-36 (261 ref.)

Myocardial infarction with normal coronary arteries: a prospective clinical-angiographic study. Betriu A, et al. **Am J Cardiol** 1981 Jul;48(1):28-32

Effects of population changes on psychological and physiological strain in kibbutz communities. Shirom A, et al. **Am J Community Psychol** 1981 Feb;9(1):27-43

Clinical aspects of treadmill exercise testing. Tan D. **Ann Acad Med Singapore** 1980 Oct;9(4):456-62

HDL-cholesterol: the negative risk factor for coronary heart disease. Tan MH. **Ann Acad Med Singapore** 1980 Oct;9(4):491-5 (63 ref.)

Aerobic exercise effects on lipoproteins and tissue lipids in young pigs. Forsythe WA, et al. **Atherosclerosis** 1981 Feb-Mar;38(3-4):327-37

Secondary prevention in survivors of myocardial infarction. Joint Recommendations by the International Society and Federation of Cardiology, Scientific Councils on Arteriosclerosis, Epidemiology and Prevention, and Rehabilitation. **Br Med J [Clin Res]** 1981 Mar 14;282(6267):894-6

The effect of physical training on plasma lipids and lipoproteins.

Ballantyne D, et al. **Clin Cardiol** 1981 Jan;4(1):1-4 (38 ref.)

Acute effects of a single exercise session on serum lipids in untrained men. Cullinane E, et al. **Clin Chim Acta** 1981 Feb 5; 109(3):341-4

Increased plasma HDL-cholesterol and apo A-1 in sedentary middle-aged men after physical conditioning. Kiens B, et al. **Eur J Clin Invest** 1980 Jun;10(3):203-9

High density lipoprotein cholesterol in young adult weight lifters, runners and untrained subjects. Clarkson PM, et al. **Hum Biol** 1981 May;53(2):251-7

Changes in serum lipids, lipoproteins, and heparin releasable lipolytic enzymes during moderate physical training in man: a longitudinal study. Peltonen P, et al. **Metabolism** 1981 May; 30(5):518-26

[Effects of intensive physical training on blood lipids: a study in long-distance runners (author's transl)] Letac B, et al. **Nouv Presse Med** 1981 Feb 14;10(6):403-6 (Eng. Abstr.) **(Fre)**

[The effect of physical exercise on the glyco-lipid effect in normal and diabetic subjects] Ferlito S, et al. **G Clin Med** 1980 Oct; 61(10):728-39 (Eng. Abstr.) **(Ita)**

CHRONIC DISEASE

Stress thallium-201 myocardial scintigraphy and exercise technetium ventriculography in the detection and location of chronic coronary artery disease: comparison of sensitivity and specificity of these noninvasive tests alone and in combination. Elkayam U, et al. **Am Heart J** 1981 May;101(5):657-66

Effects of diltiazem-induced calcium blockade upon exercise capacity in effort angina due to chronic coronary artery disease. Low RI, et al. **Am Heart J** 1981 Jun;101(6):713-8

Rationale, psychology, philosophy and reason for recreational activities for the frail aged. Harwood E. **Aust Nurses J** 1981 Feb;10(7):38-9, 49

Vasodilator treatment with isosorbide dinitrate and hydralazine in chronic heart failure. Massie BM, et al. **Br Heart J** 1981 Apr; 45(4):376-84

A double-blind comparative trial of new muscle relaxant, tizanidine (DS 103-282), and baclofen in the treatment of chronic spasticity in multiple sclerosis. Smolenski C, et al. **Curr Med Res Opin** 1981;7(6):374-83

Chronic cough in children: a manifestation of airway hyperreactivity. Cloutier MM, et al. **Pediatrics** 1981 Jan; 67(1):6-12

Exercise therapy for the patient with pulmonary dysfunction. Glass LB. **Top Clin Nurs** 1981 Jul;3(2):87-93

[Exercise program for the rehabilitation of patients with chronic severe respiratory failure (author's transl)] Sasaki T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):711-8 (Eng. Abstr.) **(Jpn)**

CLAVICLE

Acromioclavicular lesions in children. Eidman DK, et al. **Am J Sports Med** 1981 May-Jun;9(3):150-4

[Shoulder injuries in Alpine skiing] Frankenberger A, et al. **Fortschr Med** 1981 May 21;99(19):733-9 (Eng. Abstr.) **(Ger)**

COLD

Angina pectoris in the cold. Effects of cold environment and cold air inhalation at exercise test. Lassvik C. **Acta Med Scand [Suppl]** 1981;644:21-2

Alcohol ingestion and man's ability to adapt to exercise in a cold environment. Graham T. **Can J Appl Sport Sci** 1981 Mar; 6(1):27-31

Cardiovascular and autonomic reflexes in haemodialysis patients. Naik RB, et al. **Clin Sci** 1981 Feb;60(2):165-70

Stress and morphine analgesia: alterations following p-chlorophenylalanine. Bodnar RJ, et al. **Pharmacol Biochem Behav** 1981 May;14(5):645-51

Venous gas bubble production following cold stress during a no-decompression dive. Dunford R, et al. **Undersea Biomed Res** 1981 Mar;8(1):41-9

[Physical conditioning and athletic physical conditioning in older persons] Novák J, et al. **Cesk Zdrav** 1981 Mar;29(3):123-6 (Eng. Abstr.) **(Cze)**

[Effect of cold adaptation on the resting membrane potential of muscle fibers] Pshedetskaia AD, et al. **Fiziol Zh SSSR** 1981 Feb; 67(2):320-4 (Eng. Abstr.) **(Rus)**

COMPARTMENT SYNDROMES

Anterior compartment syndrome: a case report. Pearl AJ. **Am J Sports Med** 1981 Mar-Apr;9(2):119-20

COMPETITIVE BEHAVIOR

Factor patterns of variables influencing cohesiveness at various levels of basketball competition. Gruber JJ, et al. **Res Q Exerc Sport** 1981 Mar;52(1):19-30

State anxiety as a function of skill level and proximity to competition. Huddleston S, et al. **Res Q Exerc Sport** 1981 Mar; 52(1):31-4

Psychometric note on the reliability of the sport competition anxiety test: form C. Rupnow A, et al. **Res Q Exerc Sport** 1981 Mar;52(1):35-7

[Psychological aspects of young competitive athletes] Huber EG, et al. **Paediatr Padol** 1981;16(2):171-8 (Eng. Abstr.) **(Ger)**

CONTRACTURE

The etiology of hypertrophic scar contracture: another view. Brody GS, et al. **Plast Reconstr Surg** 1981 May;67(5):673-84

CONTUSIONS

Waterslide injuries. Malpass CA Jr, et al. **Ann Emerg Med** 1981 Jul;10(7):360-3

[The management of injuries in top-level sportsmen (author's transl)] Comte P. **Praxis** 1981 Mar 31;70(14):606-11 (Eng. Abstr.) **(Fre)**

CORONARY CIRCULATION

The cardiovascular effects of ethanol and acetaldehyde in exercising dogs. Stratton R, et al. **Alcoholism (NY)** 1981 Jan; 5(1):56-63

Progress in computer analysis of the exercise electrocardiogram. Bhargava V, et al. **Am J Cardiol** 1981 May;47(5):1143-51

Protein synthesis in the isolated perfused rat heart. Effects of mechanical work load, diastolic ventricular pressure and coronary pressure on amino acid incorporation and its transmural distribution into left ventricular protein. Takala T. **Basic Res Cardiol** 1981 Jan-Feb;76(1):44-61

Computerized quantitation of regional myocardial perfusion in man. Llaurado JG, et al. **Int J Biomed Comput** 1980 Nov; 11(6):501-10

Abnormal coronary vascular response to exercise in dogs with severe right ventricular hypertrophy. Murray PA, et al. **J Clin Invest** 1981 May;67(5):1314-23

Myocardial perfusion assessed with thallium-201 and left heart volume measured by radiocardiogram at rest and during exercise in patients with coronary artery disease. Kadota K, et al. **Jpn Circ J** 1981 Feb;45(2):163-70

Effect of acute exercise stress in cardiac hypertrophy: I correlation of regional blood flow and qualitative ultrastructural changes. Singh S, et al. **Yale J Biol Med** 1980 Nov-Dec;53(6):459-70

CORONARY DISEASE

Measurement of central hemodynamic parameters during preoperative exercise testing in patients suspected of arteriosclerotic heart disease. Value in predicting postoperative cardiac complications. Bille-Brahe NE, et al. **Acta Chir Scand [Suppl]** 1980;502:38-45

Physical activity at work and at leisure in relation to coronary risk factors and social class. A 4-year mortality follow-up. The Oslo study. Holme I, et al. **Acta Med Scand** 1981; 209(4):277-83

Delay of onset of second degree pacemaker block by beta-blockade in patients with P-synchronous pacemakers. Storstein L. **Acta Med Scand** 1981;209(5):363-7

Chest pain at exercise and coronary heart disease. Areskog NH. **Acta Med Scand [Suppl]** 1981;644:18-21

Coronary risk factors and physical fitness in healthy middle-aged men. Erikssen J, et al. **Acta Med Scand [Suppl]** 1981; 645:57-64

Coronary heart disease in Norwegian sea-pilots: part of the occupational hazard? Erikssen J, et al. **Acta Med Scand [Suppl]** 1981;645:79-83

Relation between ST-depression and chest pain in patients with coronary heart disease receiving no treatment and after beta-blockade and combined alpha-beta-blockade. Nyberg G, et al. **Acta Med Scand [Suppl]** 1981;644:30-3

Significance of integral topocardiography in comprehensive assessment of the myocardial state in ischemic heart disease patients at different times after myocardial infarction. Alymkulov DA, et al. **Adv Cardiol** 1981;28:221-2

Bicycle ergometry criteria of myocardial ischemia in patients with stenosing atherosclerosis of coronary arteries depending on the initial electrocardiogram at rest. Gasilin VS, et al. **Adv Cardiol** 1981;28:188-90

ECG exercise test and selective coronary angiography in patients with coronary artery disease. Maaroos JA, et al. **Adv Cardiol** 1981;28:181-2

Exercise training in coronary heart disease: is there a cardiac effect? Amsterdam EA, et al. **Am Heart J** 1981 Jun;101(6):870-3

Effects of exercise training on left ventricular mass in patients with ischemic heart disease. Ditchey RV, et al. **Am Heart J** 1981 Jun;

PHYSICAL FITNESS/SPORTS MEDICINE

CORONARY DISEASE

101(6):701-6

Stress thallium-201 myocardial scintigraphy and exercise technetium ventriculography in the detection and location of chronic coronary artery disease: comparison of sensitivity and specificity of these noninvasive tests alone and in combination. Elkayam U, et al. **Am Heart J** 1981 May;101(5):657-66

Effects of diltiazem-induced calcium blockade upon exercise capacity in effort angina due to chronic coronary artery disease. Low RI, et al. **Am Heart J** 1981 Jun;101(6):713-8

Contrast enhancement of thallium-201 myocardial scintigrams: improved sensitivity with diminished specificity in coronary disease detection. Massie B, et al. **Am Heart J** 1981 July; 102(1):37-44

Reduction of exercise-induced ischemic regional myocardial dysfunction by verapamil in conscious dogs. Osakada G, et al. **Am Heart J** 1981 Jun;101(6):707-12

Septal myocardial perfusion imaging with thallium-201 in the diagnosis of proximal left anterior descending coronary artery disease. Pichard AD, et al. **Am Heart J** 1981 July; 102(1):30-6

Exercise-induced S-T elevation, coronary artery disease and variant angina [letter] **Am J Cardiol** 1981 May;47(5):1181-2

Comparative sensitivity and specificity of exercise electrocardiographic lead systems. Chaitman BR, et al. **Am J Cardiol** 1981 Jun;47(6):1335-49 (120 ref.)

Variations in normal electrocardiographic response to treadmill testing. Froelicher VF, et al. **Am J Cardiol** 1981 May; 47(5):1161-7

Predicting the extent and location of coronary artery disease during the early postinfarction period by quantitative thallium-201 scintigraphy. Gibson RS, et al. **Am J Cardiol** 1981 May; 47(5):1010-9

Evaluation of abnormal exercise electrocardiogram in apparently healthy subjects: labile repolarization (ST-T) abnormalities as a cause of false positive responses. McHenry PL, et al. **Am J Cardiol** 1981 May;47(5):1152-60

Computer quantitation of Q-T and terminal T wave (aT-eT) intervals during exercise: methodology and results in normal men. O'Donnell J, et al. **Am J Cardiol** 1981 May;47(5):1168-72

Noninvasive assessment of left ventricular performance in patients with ischemic heart disease: ear densitographic study during uninterrupted treadmill exercise. Sugiura T, et al. **Am J Cardiol** 1981 Jul;48(1):101-5

Coronary heart disease and sudden death while running [letter] Thompson PD. **Am J Cardiol** 1981 Jun;47(6):1381-2

The predictive value of a strongly positive stress test in patients with minimal symptoms. Blumenthal DS, et al. **Am J Med** 1981 May;70(5):1005-10

Exercise and health [editorial] Froelicher V. **Am J Med** 1981 May; 70(5):987-8

Applicability and interpretation of electrocardiographic stress testing in patients with peripheral vascular disease. Cutler BS, et al. **Am J Surg** 1981 Apr;141(4):501-6

Clinical aspects of treadmill exercise testing. Tan D. **Ann Acad Med Singapore** 1980 Oct;9(4):456-62

HDL-cholesterol: the negative risk factor for coronary heart disease. Tan MH. **Ann Acad Med Singapore** 1980 Oct; 9(4):491-5 (63 ref.)

Left ventricular function after dynamic and static exercise in ischaemic heart disease. Korhonen UR, et al. **Ann Clin Res** 1980 Dec;12(6):299-307

Early post-myocardial infarction treadmill stress testing. An accurate predictor of multivessel coronary disease and subsequent cardiac events. Fuller CM, et al. **Ann Intern Med** 1981 Jun; 94(6):734-9

Exercise training in post-myocardial infarction patients: comparison of results with high risk coronary and post-bypass patients. Hartung GH, et al. **Arch Phys Med Rehabil** 1981 Apr; 62(4):147-50

Ergometric and hemodynamic studies on a new cardiotonic agent AR-L 115 BS. Pozenel H. **Arzneimittelforsch** 1981; 31(1a):263-6

Ischaemic heart disease in the eighties. Bauer GE. **Aust Fam Physician** 1981 Feb;10(2):56-9

Exercise-induced ST-segment elevation in leads V1 or aVL. A predictor of anterior myocardial ischemia and left anterior descending coronary artery disease. Dunn RF, et al. **Circulation** 1981 Jun;63(6):1357-63

Left ventricular diastolic performance at rest and during exercise in patients with coronary artery disease. Assessment with first-pass radionuclide angiography. Reduto LA, et al. **Circulation** 1981 Jun;63(6):1228-37

Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Selwyn AP, et al. **Circulation** 1981 Jul;64(1):83-90

The effect of physical training on plasma lipids and lipoproteins. Ballantyne D, et al. **Clin Cardiol** 1981 Jan;4(1):1-4 (38 ref.)

Analysis of multiple noninvasive test procedures for the diagnosis of coronary artery disease. Charuzi Y, et al. **Clin Cardiol** 1981 Mar;4(2):67-74

Rest and exercise electrocardiograms and radionuclides in patients presenting for cardiac rehabilitation. Froelicher VF, et al. **Clin Cardiol** 1981 Mar;4(2):59-66

Treadmill exercise testing and Thallium-201 scanning as indicators of the presence and severity of coronary artery disease. Chandler JP, et al. **Conn Med** 1980 Oct;44(10):629-34

Haemodynamic dose-response effects of i.v. metoprolol in coronary heart disease. Hendry WG, et al. **Eur J Clin Pharmacol** 1981;19(5):323-7

Proteolytic capacity in mouse cardiac muscle following strenuous exercise. Salminen A, et al. **Experientia** 1981 Mar 15; 37(3):226-7

Detection, prevalence, and significance of arrhythmias during exercise. Faris JV, et al. **Heart Lung** 1981 Jul-Aug; 10(4):644-50

'High-risk' bundle branch block. Rahimtoola SH, et al. **Hosp Pract** 1981 Jan;16(1):73-80, 85-7, 91-2

Exercise and the amplitude of first heart sound in ischemic heart disease and normal subjects. Gupta RC, et al. **Indian Heart J** 1980 Nov-Dec;32(6):349-54

Computerized quantitation of regional myocardial perfusion in man. Llaurado JG, et al. **Int J Biomed Comput** 1980 Nov; 11(6):501-10

Effects of an outdoor exercise program on cardiovascular and metabolic data in patients with coronary heart disease (CHD). Berg A, et al. **Int J Rehabil Res** 1981;4(1):64-6

Thallium-201 myocardial scintigraphy: a critical comparison of seven-pinhole tomography and conventional planar imaging. Rizi HR, et al. **J Nucl Med** 1981 Jun;22(6):493-9

Can you alter your heart disease risk? [news] Johnson RS. **JAMA** 1981 May 15;245(19):1903-8

Myocardial perfusion assessed with thallium-201 and left heart volume measured by radiocardiogram at rest and during exercise in patients with coronary artery disease. Kadota K, et al. **Jpn Circ J** 1981 Feb;45(2):163-70

Carotid palpation, coronary heart disease and exercise rehabilitation. Oldridge NB, et al. **Med Sci Sports Exerc** 1981; 13(1):6-8

Predictors of coronary artery disease from exercise stress testing. Gobel MF, et al. **Minn Med** 1981 Mar;64(3):143-8

Lack of release of platelet factor 4 during exercise-induced myocardial ischemia. Mathis PC, et al. **N Engl J Med** 1981 May 21;304(21):1275-8

'Post-coronary' rehabilitation, body composition, and recurrent infarction. An analysis of data from the Ontario Exercise-Heart Collaborative Study. Shephard RJ. **Nutr Metab** 1980; 24(6):383-95

Reverse redistribution: worsening of thallium-201 myocardial images from exercise to redistribution. Hecht HS, et al. **Radiology** 1981 Jul;140(1):177-81

A field application of exercise testing in ischaemic heart disease. Smit PJ, et al. **S Afr Med J** 1981 Apr 11;59(16):561-2

Physiologic Intervention in Cardiovascular Nuclear Medicine. Wexler JP, et al. **Semin Nucl Med** 1981 Apr;11(2):68-79

Noninvasive clinical and exercise predictors of sudden cardiac death in men with coronary artery disease. Bruce RA. **Tex Med** 1981 Jun;77(6):55-9

The effects of controlled exercise on the client with coronary artery disease. Berra K, et al. **Top Clin Nurs** 1981 Jul;3(2):65-75

The exercise EKG—who needs it? Minasian DJ. **Trans Assoc Life Insur Med Dir Am** 1980;63:176-83

[Involvement of the common trunk of the left coronary artery] Soyeur D, et al. **Acta Cardiol (Brux)** 1981;36(1):7-20 (Eng. Abstr.) **(Fre)**

[Value of continuous electrocardiographic recording using the Holter method in the diagnosis and surveillance of myocardial ischemia] Fouache Y, et al. **Arch Mal Coeur** 1981 Apr; 74(4):427-35 (Eng. Abstr.) **(Fre)**

[Coronary complications during sports practice: significance] Broustet JP, et al. **Rev Prat** 1981 May 1; 31(25):1837-42, 1845-6 (Eng. Abstr.) **(Fre)**

[Evaluation of the cardiovascular fitness for sports. Which sports? For whom?] Broustet JP, et al. **Rev Prat** 1981 May 1; 31(25):1773-4, 1777-8, 1781-3 (Eng. Abstr.) **(Fre)**

[The practice of sports, a treatment for coronary disease] Letac B, et al. **Rev Prat** 1981 May 1;31(25):1795-8, 1801-2, 1805-7 (Eng. Abstr.) **(Fre)**

[Circadian variation of ischaemic ST lowering in exercise ECG (author's transl)] Strasser R, et al. **Dtsch Med Wochenschr** 1981 Apr 3;106(14):424-7 (Eng. Abstr.) **(Ger)**

[Value of thallium-201 myocardial imaging in the non-invasive assessment of aortocoronary bypass patency (author's transl)] Lösse B, et al. **Z Kardiol** 1981 Apr;70(4):231-7 (Eng. Abstr.) **(Ger)**

[Sports, physical activity and risk for coronary heart disease (author's transl)] Pfisterer M. **Z Kardiol** 1981 Feb; 70(2):104-10 (Eng. Abstr.) **(Ger)**

[Contribution of cycloergometrics to the identification of ischemic damage in pre-excitation syndromes] Corsini G, et al. **Boll Soc Ital Cardiol** 1980;25(1):27-36 (Eng. Abstr.) **(Ita)**

[Positive exercise test in the absence of pain. Characteristic of a high-risk population?] Gavazzi A, et al. **G Ital Cardiol** 1980; 10(10):1328-33 (Eng. Abstr.) **(Ita)**

[The diagnostic value of bloodless methods and follow-up in young asymptomatic subjects with positive exercise test (author's transl)] Radice M, et al. **G Ital Cardiol** 1979;9(10):1110-7 (Eng. Abstr.) **(Ita)**

[Clinical usefulness of thallium-201 myocardial scintigraphy with dipyridamole pharmacodynamic test in ischemic heart disease (author's transl)] Tarolo GL, et al. **G Ital Cardiol** 1981; 11(1):94-103 (Eng. Abstr.) **(Ita)**

[Physical rehabilitation. A further therapeutic instrument in treatment of coronary disease] Marra S, et al. **Minerva Cardioangiol** 1981 Jan-Feb;29(1-2):19-26 (43 ref.) (Eng. Abstr.) **(Ita)**

[Rehabilitation of patients with an aortic valve prosthesis and coronary insufficiency] Fomina NG, et al. **Kardiologiia** 1981 Feb; 21(2):58-62 (Eng. Abstr.) **(Rus)**

[Pharmacodynamics of trinitrolong and sustac studied with the exercise test] Gritsiuk AI, et al. **Ter Arkh** 1981;53(1):49-53 (Eng. Abstr.) **(Rus)**

CORONARY VESSELS

Bicycle ergometry criteria of myocardial ischemia in patients with stenosing atherosclerosis of coronary arteries depending on the initial electrocardiogram at rest. Gasilin VS, et al. **Adv Cardiol** 1981;28:188-90

ECG exercise test and selective coronary angiography in patients with coronary artery disease. Maaroos JA, et al. **Adv Cardiol** 1981;28:181-2

Myocardial infarction with normal coronary arteries: a prospective clinical-angiographic study. Betriu A, et al. **Am J Cardiol** 1981 Jul;48(1):28-32

Exercise-induced coronary spasm with S-T segment depression and normal coronary arteriography. Boden WE, et al. **Am J Cardiol** 1981 Jul;48(1):193-7

Predicting the extent and location of coronary artery disease during the early postinfarction period by quantitative thallium-201 scintigraphy. Gibson RS, et al. **Am J Cardiol** 1981 May; 47(5):1010-9

Noninvasive assessment of left ventricular performance in patients with ischemic heart disease: ear densitographic study during uninterrupted treadmill exercise. Sugiura T, et al. **Am J Cardiol** 1981 Jul;48(1):101-5

Applicability and interpretation of electrocardiographic stress testing in patients with peripheral vascular disease. Cutler BS, et al. **Am J Surg** 1981 Apr;141(4):501-6

Limited exercise testing soon after myocardial infarction. Correlation with early coronary and left ventricular angiography. Schwartz KM, et al. **Ann Intern Med** 1981 Jun;94(6):727-34

Ischaemic heart disease in the eighties. Bauer GE. **Aust Fam Physician** 1981 Feb;10(2):56-9

Coronary angiography post first myocardial infarction in the asymptomatic or mildly symptomatic patient: clinical, angiographic, and prospective observations. Mautner RK, et al. **Cathet Cardiovasc Diagn** 1981;7(1):1-11

Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Selwyn AP, et al. **Circulation** 1981 Jul;64(1):83-90

Analysis of multiple noninvasive test procedures for the diagnosis of coronary artery disease. Charuzi Y, et al. **Clin Cardiol** 1981 Mar;4(2):67-74

Vasodilating actions of 2-nicotinamidoethyl nitrate on porcine and guinea-pig coronary arteries. Furukawa K, et al. **J Pharmacol Exp Ther** 1981 Jul;218(1):248-59

Lack of release of platelet factor 4 during exercise-induced myocardial ischemia. Mathis PC, et al. **N Engl J Med** 1981 May 21;304(21):1275-8

Reverse redistribution: worsening of thallium-201 myocardial images from exercise to redistribution. Hecht HS, et al. **Radiology** 1981 Jul;140(1):177-81

[Involvement of the common trunk of the left coronary artery] Soyeur D, et al. **Acta Cardiol (Brux)** 1981;36(1):7-20 (Eng. Abstr.) **(Fre)**

[Value of continuous electrocardiographic recording using the Holter method in the diagnosis and surveillance of myocardial ischemia] Fouache Y, et al. **Arch Mal Coeur** 1981 Apr; 74(4):427-35 (Eng. Abstr.) **(Fre)**

DEATH, SUDDEN

Coronary heart disease and sudden death while running [letter] Thompson PD. **Am J Cardiol** 1981 Jun;47(6):1381-2

Noninvasive clinical and exercise predictors of sudden cardiac death in men with coronary artery disease. Bruce RA. **Tex Med** 1981 Jun;77(6):55-9

[Sports, physical activity and risk for coronary heart disease (author's transl)] Pfisterer M. **Z Kardiol** 1981 Feb; 70(2):104-10 (Eng. Abstr.) **(Ger)**

DENTAL ARCH

Method for determining the physiologic equilibrium point of the mandible. Tradowsky M, et al. **J Prosthet Dent** 1981 May; 45(5):558-63

DERMATOMYOSITIS

'Turns' analysis in the physiological evaluation of neuromuscular disorders. Garcia HA, et al. **J Neurol Neurosurg Psychiatry** 1980 Dec;43(12):1091-7

DIAPHRAGM

Inspiratory muscle function following abdominal weight exercises in healthy subjects. Merrick J, et al. **Phys Ther** 1981 May; 61(5):651-6

DIET

An algebra for adiposity? Skyler JS, et al. **Diabetes Care** 1981 Mar-Apr;4(2):328-9

The effect of a high calory diet on hormonal changes in young men during prolonged physical strain and sleep deprivation. Opstad PK, et al. **Eur J Applied Physiol** 1981;46(1):31-9

Can you alter your heart disease risk? [news] Johnson RS. **JAMA** 1981 May 15;245(19):1903-8

Peripheral markers of thyroid status unaffected by endurance training in rats. Winder WW, et al. **Pfluegers Arch** 1981 Mar; 389(3):195-8

Medical care for the fitness revolution. Mann GV. **South Med J** 1981 Mar;74(3):261-3

[Energy expenditures and the functional state of the neuromuscular system in athletes regulating body weight by use of a low-calorie diet] Shubin VI, et al. **Vopr Pitan** 1961 Jan-Feb;(1):11-5 (Eng. Abstr.) **(Rus)**

DIET, REDUCING

Relative role of caloric restriction and exercise training upon susceptibility to isoproterenol-induced myocardial infarction in male rats. Crandall DL, et al. **Am J Clin Nutr** 1981 May; 34(5):841-7

An algebra for adiposity? Skyler JS, et al. **Diabetes Care** 1981 Mar-Apr;4(2):328-9

Evaluation and component analysis of a comprehensive weight control program. Miller PM, et al. **Int J Obes** 1981; 5(1):57-65

The effect of addition of exercise to a regime of dietary restriction on weight loss, nitrogen balance, resting metabolic rate and spontaneous physical activity in three obese women in a metabolic ward. Warwick PM, et al. **Int J Obes** 1981; 5(1):25-32

[Treatment of simple obesity with mazindol under sanatorium conditions] Hasik J, et al. **Pol Tyg Lek** 1980 Nov 10; 35(45):1729-31 (Eng. Abstr.) **(Pol)**

[The clinical evaluation of teronac (Mazindol) in the treatment of children with obesity. Part I. Effect of the drug on somatic patterns and exercise capacity (author's transl)] Golebiowska M, et al. **Przegl Lek** 1981;38(2):311-4 (Eng. Abstr.) **(Pol)**

DIETARY CARBOHYDRATES

Alternate or supplemental energy sources. Birkhahn RH, et al. **JPEN** 1981 Jan-Feb;5(1):24-31 (60 ref.)

'Carboloading' and dehydration [letter] Travis SP, et al. **Lancet** 1981 Jun 20;1(8234):1370-1

Ability of exercise to inhibit carbohydrate-induced hypertriglyceridemia in rats. Zavaroni I, et al. **Metabolism** 1981 May;30(5):476-80

Exercise-induced sucrose suppression in the rat. Nikoletseas MM. **Physiol Behav** 1981 Jan;26(1):145-6

Sugar for energy in marathon running [letter] Noakes TD. **S Afr Med J** 1981 Jul 11;60(2):46

DIETARY FATS

Blood pressure reduction by change in life style. The CVD intervention study in Glostrup. Gyntelberg F, et al. **Acta Med Scand [Suppl]** 1981;646:10-14

HDL-cholesterol: the negative risk factor for coronary heart disease. Tan MH. **Ann Acad Med Singapore** 1980 Oct; 9(4):491-5 (63 ref.)

Alternate or supplemental energy sources. Birkhahn RH, et al. **JPEN** 1981 Jan-Feb;5(1):24-31 (60 ref.)

DIETARY PROTEINS

Alternate or supplemental energy sources. Birkhahn RH, et al. **JPEN** 1981 Jan-Feb;5(1):24-31 (60 ref.)

DISLOCATIONS

Acromioclavicular lesions in children. Eidman DK, et al. **Am J Sports Med** 1981 May-Jun;9(3):150-4

Surgical treatment of patellar instability: indications and results. Henry JH, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):82-5

Acute dislocation of the patella resulting in a comminuted patella fracture. A case report. McCarroll JR. **Am J Sports Med** 1981 Mar-Apr;9(2):117-8

Recurrent transient subluxation of the shoulder. Rowe CR, et al. **J Bone Joint Surg [Am]** 1981 Jul;63A(6):863-72

Exercise-induced injuries. Wassel AC. **Top Clin Nurs** 1981 Jul;3(2):53-64

[Spine injuries due to horse riding. Part 1 (author's transl)] Steinbrück K. **Unfallheilkunde** 1980 Jul;83(7):366-72 (Eng. Abstr.) **(Ger)**

DIVING

Unusual dental forensic cases in Norway. Solheim T. **Am J Forensic Med Pathol** 1980 Sep;1(3):197-203

Animal model of human disease: dysbaric osteonecrosis. Chryssanthou C. **Am J Pathol** 1981 May;103(2):334-6

Diving: a frequent and potentially preventable cause of spinal cord injury. Tator CH, et al. **Can Med Assoc J** 1981 May 15;124(10):1323-4

Dysbarism associated with alcohol abuse: a case report. Kizer KW, et al. **Hawaii Med J** 1981 Jan;40(1):12-5

Oxygen equilibrium properties of blood and hemoglobin of fetal and adult Weddell seals. Qvist J, et al. **J Appl Physiol** 1981 May;50(5):999-1005

Clinical implications of the diving response [editorial] **Lancet** 1981 Jun 27;1(8235):1403-4

A survey of spinal injuries from diving. A study of patients in Pretoria and Cape town. Mennen U. **S Afr Med J** 1981 May 23;59(22):788-90

Diving injuries to the cervical spinal cord. Scher AT. **S Afr Med J** 1981 Apr 18;59(17):603-5

In-water resuscitation [letter] **Undersea Biomed Res** 1981 Mar;8(1):63-6

Validity of self-reported work experience among U.S. Navy divers. Biersner RJ, et al. **Undersea Biomed Res** 1981 Mar;8(1):33-9

Venous gas bubble production following cold stress during a no-decompression dive. Dunford R, et al. **Undersea Biomed Res** 1981 Mar;8(1):41-9

Calibration and characterization of heat flow transducers for use in hyperbaric helium. Nuckols ML, et al. **Undersea Biomed Res** 1980 Dec;7(4):249-56

Speech intelligibility at high helium-oxygen pressures. Rothman HB, et al. **Undersea Biomed Res** 1980 Dec;7(4):265-75

An apparatus for performing filtration assays in hyperbaric atmospheres. Sauter JF, et al. **Undersea Biomed Res** 1980 Dec;7(4):257-63

[Pathology of sport diving with a diving suit] Jaeger M. **Schweiz Z Sportmed** 1981 Mar;29(1):12-6 (Eng. Abstr.) **(Fre)**

[Aptitude and counter-indications for sports diving] Lederer RJ. **Schweiz Z Sportmed** 1981 Mar;29(1):33-8 (Eng. Abstr.) **(Fre)**

[Diving at very great depths] Rostain JC. **Schweiz Z Sportmed** 1981 Mar;29(1):17-22 (Eng. Abstr.) **(Fre)**

[Physiology and pathophysiology of diving] Bühlmann AA. **Schweiz Z Sportmed** 1981 Mar;29(1):5-11 (Eng. Abstr.) **(Ger)**

[Survey of diving accidents in Switzerland] Carnat G. **Schweiz Z Sportmed** 1981 Mar;29(1):29-32 (Eng. Abstr.) **(Ger)**

[Blood coagulation in immersion in high altitudes] Scotto P, et al. **Boll Soc Ital Biol Sper** 1981 Jan 30;57(2):235-9 (Eng. Abstr.) **(Ita)**

[Sudden and fluctuating hearing loss in divers. Clinical cases and pathogenetic hypotheses] Sperati G, et al. **Minerva Med** 1981 May 31;72(22):1395-7 (Eng. Abstr.) **(Ita)**

[Hyperbaric oxygen and the lung. Pulmonary diffusion in divers with intense and long-term exposure] Viotti G, et al. **Minerva Med** 1981 May 31;72(22):1391-4 (Eng. Abstr.) **(Ita)**

[Effect of a hyperbaric nitrogen-oxygen atmosphere on respiratory center activity] Breslav IS, et al. **Kosm Biol Aviakosm Med** 1981 Jan-Feb;15(1):88-9 (Eng. Abstr.) **(Rus)**

DOPING IN SPORTS

Drugs in sport: the extent of the problem, toxic effects, and control. Arblaster CI, et al. **Aust Fam Physician** 1981 Mar;10(3):145-6, 148

General practitioner at the Olympic Games. Massey PM. **Br Med J** 1981 May 23;282(6277):1675-6

Detection of some local anesthetics in horse urine and plasma by gas-liquid chromatography. Delbeke FT, et al. **J Chromatogr** 1981 Feb 27;206(3):594-9

Modification of urinary elimination of doping agents by simultaneous ingestion of acidic molecules. Bertol E, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):383-6

[Doping and its cardiovascular effects] Miserez P. **Rev Prat** 1981 May 1;31(25):1827-31 (Eng. Abstr.) **(Fre)**

ECHOCARDIOGRAPHY

Exercise training in coronary heart disease: is there a cardiac effect? Amsterdam EA, et al. **Am Heart J** 1981 Jun;101(6):870-3

Effects of exercise training on left ventricular mass in patients with ischemic heart disease. Ditchey RV, et al. **Am Heart J** 1981 Jun;101(6):701-6

Real time computerization of two-dimensional echocardiography. Garcia E, et al. **Am Heart J** 1981 Jun;101(6):783-92

Effect of static and dynamic exercise on heart volume, contractility, and left ventricular dimensions. Keul J, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I162-70

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I138-48

Effects of training on echocardiographic dimensions and systolic time intervals in women swimmers. Lamont LS. **J Sports Med Phys Fitness** 1980 Dec;20(4):397-404

Handgrip-induced negative U-wave in electrocardiogram of hypertensive subjects. Fu LT, et al. **Jpn Heart J** 1981 Jan;22(1):59-73

[The heart of athletes in intensive competition] Cousteau JP. **Rev Prat** 1981 May 1;31(25):1811-2, 1815-6, 1819-20 (Eng. Abstr.) **(Fre)**

[Variation in the cardiac dynamics in athletes induced by muscular work. Echocardiographic study. I. Morphological aspects] Cassone R, et al. **Boll Soc Ital Cardiol** 1978;23(5):917-22 (Eng. Abstr.) **(Ita)**

ELBOW

Nonunion of olecranon epiphysis: two cases in adolescent baseball pitchers. Pavlov H, et al. **AJR** 1981 Apr;136(4):819-20

ELBOW JOINT

Mathematical modelling and simulation of a tennis racket. Brannigan M, et al. **Med Sci Sports Exerc** 1981;13(1):44-53

Isometric contractions of normal and spastic human skeletal muscle. Ismail HM, et al. **Muscle Nerve** 1981 May-Jun;4(3):214-8

[The recruitment of motor units during elbow flexions in man] Mariani J, et al. **Electrodiagn Ther** 1979;16(1):32-40 (Eng. Abstr.) **(Fre)**

ELECTROCARDIOGRAPHY

The effect of pindolol and isosorbide dinitrate and their combination on exercise tolerance and ECG changes in angina pectoris. Storstein L. **Acta Med Scand** 1981;209(5):357-62

Quantitative evaluation of chest pain. Borg G, et al. **Acta Med Scand [Suppl]** 1981;644:43-5

Relation between ST-depression and chest pain in patients with coronary heart disease receiving no treatment and after beta-blockade and combined alpha-beta-blockade. Nyberg G, et al. **Acta Med Scand [Suppl]** 1981;644:30-3

Significance of integral topocardiography in comprehensive assessment of the myocardial state in ischemic heart disease patients at different times after myocardial infarction. Alymkulov DA, et al. **Adv Cardiol** 1981;28:221-2

Bicycle ergometry criteria of myocardial ischemia in patients with stenosing atherosclerosis of coronary arteries depending on the initial electrocardiogram at rest. Gasilin VS, et al. **Adv Cardiol** 1981;28:188-90

Electrocardiographic evaluation of the bicycle ergometric test in cardiosurgical patients. Kassirsky GI, et al. **Adv Cardiol** 1981;28:175-7

Correlation between bicycle ergometric data and integral topography in patients with myocardial infarction. Krasnikov VE, et al. **Adv Cardiol** 1981;28:72-4

ECG exercise test and selective coronary angiography in patients with coronary artery disease. Maaroos JA, et al. **Adv Cardiol** 1981;28:181-2

Electrocardiotopographic study for physical exercise tolerance assessment in patients with myocardial infarction. Sledzevskaya IK, et al. **Adv Cardiol** 1981;28:183-4

Results of computing and displaying changes of the S-T segment during treadmill tests after myocardial infarction. Yurasov VS, et al. **Adv Cardiol** 1981;28:185-7

Procedures for electrocardiographic monitoring during athletic competition. Gray PR, et al. **Am Correct Ther J** 1981 Mar-Apr;35(2):52-4

Effects of exercise training on left ventricular mass in patients with ischemic heart disease. Ditchey RV, et al. **Am Heart J** 1981 Jun;101(6):701-6

Exercise-induced S-T elevation, coronary artery disease and variant angina [letter] **Am J Cardiol** 1981 May;47(5):1181-2

Exercise-induced coronary spasm with S-T segment depression and normal coronary arteriography. Boden WE, et al. **Am J Cardiol** 1981 Jul;48(1):193-7

Comparative sensitivity and specificity of exercise electrocardiographic lead systems. Chaitman BR, et al. **Am J Cardiol** 1981 Jun;47(6):1335-49 (120 ref.)

Symposium: future directions in exercise testing and exercise electrocardiography--I. Introduction. Froelicher VF, et al. **Am J Cardiol** 1981 May;47(5):1141-2

Variations in normal electrocardiographic response to treadmill testing. Froelicher VF, et al. **Am J Cardiol** 1981 May;47(5):1161-7

Evaluation of abnormal exercise electrocardiogram in apparently healthy subjects: labile repolarization (ST-T) abnormalities as a cause of false positive responses. McHenry PL, et al. **Am J Cardiol** 1981 May;47(5):1152-60

Computer quantitation of Q-T and terminal T wave (aT-eT) intervals during exercise: methodology and results in normal men. O'Donnell J, et al. **Am J Cardiol** 1981 May;47(5):1168-72

Noninvasive assessment of left ventricular performance in patients with ischemic heart disease: ear densitographic study during uninterrupted treadmill exercise. Sugiura T, et al. **Am J Cardiol** 1981 Jul;48(1):101-5

The predictive value of a strongly positive stress test in patients with minimal symptoms. Blumenthal DS, et al. **Am J Med** 1981 May;70(5):1005-10

Indirect assessment of cardiovascular 'demands' using telemetry on professional football players. Gleim GW, et al. **Am J Sports Med** 1981 May-Jun;9(3):178-83

Applicability and interpretation of electrocardiographic stress testing in patients with peripheral vascular disease. Cutler BS, et al. **Am J Surg** 1981 Apr;141(4):501-6

Limited exercise testing soon after myocardial infarction. Correlation with early coronary and left ventricular angiography. Schwartz KM, et al. **Ann Intern Med** 1981 Jun;94(6):727-34

Treadmill exercise tests predischarge and six weeks post-myocardial infarction to detect abnormalities of known prognostic value. Starling MR, et al. **Ann Intern Med** 1981 Jun;94(6):721-7

Cardiac rehabilitation: evaluation and intervention less than 6 weeks after myocardial infarction. Harrington KA, et al. **Arch Phys Med Rehabil** 1981 Apr;62(4):151-5

Ischaemic heart disease in the eighties. Bauer GE. **Aust Fam Physician** 1981 Feb;10(2):56-9

Pre-exercise evaluation: confusion and controversy heading for clarification. Chisholm DM. **Can J Public Health** 1981 Jan-Feb;72(1):22-5

Transient depolarisation and action potential alterations following mechanical changes in isolated myocardium. Lab MJ. **Cardiovasc Res** 1980 Dec;14(11):624-37

Exercise-induced ST-segment elevation in leads V1 or aVL. A predictor of anterior myocardial ischemia and left anterior descending coronary artery disease. Dunn RF, et al. **Circulation** 1981 Jun;63(6):1357-63

Left ventricular diastolic performance at rest and during exercise in patients with coronary artery disease. Assessment with first-pass radionuclide angiography. Reduto LA, et al. **Circulation** 1981 Jun;63(6):1228-37

Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Selwyn AP, et al. **Circulation** 1981 Jul;64(1):83-90

Analysis of multiple noninvasive test procedures for the diagnosis of coronary artery disease. Charuzi Y, et al. **Clin Cardiol** 1981 Mar;4(2):67-74

Rest and exercise electrocardiograms and radionuclides in patients presenting for cardiac rehabilitation. Froelicher VF, et al. **Clin Cardiol** 1981 Mar;4(2):59-66

Detection, prevalence, and significance of arrhythmias during exercise. Faris JV, et al. **Heart Lung** 1981 Jul-Aug;10(4):644-50

'High-risk' bundle branch block. Rahimtoola SH, et al. **Hosp Pract** 1981 Jan;16(1):73-80, 85-7, 91-2

Exercise and the amplitude of first heart sound in ischemic heart disease and normal subjects. Gupta RC, et al. **Indian Heart J** 1980 Nov-Dec;32(6):349-54

Exercise blood pressure response--a predictor of severity of aortic stenosis in children. Alpert BS, et al. **J Pediatr** 1981 May;98(5):763-5

Handgrip-induced negative U-wave in electrocardiogram of hypertensive subjects. Fu LT, et al. **Jpn Heart J** 1981 Jan;22(1):59-73

Carotid palpation, coronary heart disease and exercise rehabilitation. Oldridge NB, et al. **Med Sci Sports Exerc** 1981;13(1):6-8

Lack of release of platelet factor 4 during exercise-induced myocardial ischemia. Mathis PC, et al. **N Engl J Med** 1981 May 21;304(21):1275-8

Exercise-tolerance testing in children. Klein AA. **Pediatr Ann** 1981 Mar;10(3):106-12

Cardiac output measured by acetylene rebreathing technique at rest and during exercise. Comparison of results obtained by various calculation procedures. Kanstrup IL, et al. **Pfluegers Arch** 1981 May;390(2):179-85

Reverse redistribution: worsening of thallium-201 myocardial images from exercise to redistribution. Hecht HS, et al. **Radiology** 1981 Jul;140(1):177-81

Noninvasive clinical and exercise predictors of sudden cardiac death in men with coronary artery disease. Bruce RA. **Tex Med** 1981 Jun;77(6):55-9

[Early exercise tests in patients after acute myocardial infarction (author's transl)] Canibal J, et al. **Cas Lek Cesk** 1981 Mar 19;120(11):321-4 (Eng. Abstr.) **(Cze)**

[Involvement of the common trunk of the left coronary artery] Soyeur D, et al. **Acta Cardiol (Brux)** 1981;36(1):7-20 (Eng. Abstr.) **(Fre)**

[Value of continuous electrocardiographic recording using the Holter method in the diagnosis and surveillance of myocardial ischemia] Fouache Y, et al. **Arch Mal Coeur** 1981 Apr;74(4):427-35 (Eng. Abstr.) **(Fre)**

[Principles of training technics and the cardiovascular monitoring of training] Cousteau JP. **Rev Prat** 1981 May 1;31(25):1833-6 (Eng. Abstr.) **(Fre)**

[The heart of athletes in intensive competition] Cousteau JP. **Rev Prat** 1981 May 1;31(25):1811-2, 1815-6, 1819-20 (Eng. Abstr.) **(Fre)**

[Automatic indirect measurement of blood pressure in resting and exercising subjects: analysis of the Korotkov sound pattern, variable 'time gate' for artifact suppression (author's transl)] Bertram B, et al. **Biomed Tech (Berlin)** 1981 Apr;26(4):81-4 (Eng. Abstr.) **(Ger)**

[Circadian variation of ischaemic ST lowering in exercise ECG (author's transl)] Strasser R, et al. **Dtsch Med Wochenschr** 1981 Apr 3;106(14):424-7 (Eng. Abstr.) **(Ger)**

[Clinical usefulness of thallium-201 myocardial scintigraphy with dipyridamole pharmacodynamic test in ischemic heart disease (author's transl)] Tarolo GL, et al. **G Ital Cardiol** 1981;11(1):94-103 (Eng. Abstr.) **(Ita)**

[Electrocardiographic changes in professional athletes. III. Ventricular repolarization anomalies] Batlouni M. **Arq Bras Cardiol** 1980 Nov;35(5):387-95 (Eng. Abstr.) **(Por)**

[Psychophysiological principles in the selection of professional automobile drivers] Valsman AI, et al. **Gig Tr Prof Zabol** 1981 Apr;(4):13-6 (Eng. Abstr.) **(Rus)**

[Rehabilitation of patients with an aortic valve prosthesis and coronary insufficiency] Fomina NG, et al. **Kardiologiia** 1981 Feb;21(2):58-62 (Eng. Abstr.) **(Rus)**

ELECTROMYOGRAPHY

Interrelationships between electromyographic, mechanical, muscle structure and reflex time measurements in man. Viitasalo JT, et al. **Acta Physiol Scand** 1981 Jan;111(1):97-103

Multiterritorial muscle evaluations for maximal isometric contraction of the deltoid muscle in normal and dystrophic humans. Simard T, et al. **Am J Phys Med** 1981 Jun;60(3):132-43

The effects of inspiratory muscle training on exercise performance in chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):426-33

An EMG analysis of the effectiveness of external ankle support during sudden ankle inversion. Sprigings EJ, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):72-5

A preliminary study of dynamic muscle function in hereditary ataxia. Richards C, et al. **Can J Neurol Sci** 1980 Nov;7(4):367-77

The blood flow through the 'resting' arm during hand-grip contractions. Lind AR, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I104-9

Response of arterial blood pressure to static exercise in relation to muscle mass, force development, and electromyographic activity. Mitchell JH, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I70-5

Physiological responses to weight lifting in different planes. Kumar S. **Ergonomics** 1980 Oct;23(10):987-93

Inhibition of individual fingers during grip strength exertion. Ohtsuki T. **Ergonomics** 1981 Jan;24(1):21-36

Decrease in grip strength induced by simultaneous bilateral exertion with reference to finger strength. Ohtsuki T. **Ergonomics** 1981 Jan;24(1):37-48

Relationship between force and integrated EMG activity during voluntary isometric anisotonic contraction. Metral S, et al. **Eur J Applied Physiol** 1981;46(2):185-98

Paradoxical influence of encouragement on muscle fatigue. Rube N, et al. **Eur J Applied Physiol** 1981;46(1):1-7

Hindlimb muscular activity, kinetics and kinematics of cats jumping to their maximum achievable heights. Zajac FE, et al. **J Exp Biol** 1981 Apr;91:73-86

'Turns' analysis in the physiological evaluation of neuromuscular disorders. Garcia HA, et al. **J Neurol Neurosurg Psychiatry** 1980 Dec;43(12):1091-7

Evidence that the human jaw stretch reflex increases the resistance of the mandible to small displacements. Cooker HS, et al. **J Physiol (Lond)** 1980 Nov;308:61-78

The quadriceps complex in bipedal man. Fisk R, et al. **JAOA** 1980 Dec;80(4):291-4

Biomechanics of sit-up exercises. Ricci B, et al. **Med Sci Sports Exerc** 1981;13(1):54-9

Isometric contractions of normal and spastic human skeletal muscle. Ismail HM, et al. **Muscle Nerve** 1981 May-Jun;4(3):214-8

Evaluation of electromyographic biofeedback as an adjunct to therapeutic exercise in treating the lower extremities of hemiplegic patients. Binder SA, et al. **Phys Ther** 1981 Jun;61(6):886-93

Electromyographic activity of back musculature during Williams' flexion exercises. Blackburn SE, et al. **Phys Ther** 1981 Jun;61(6):878-85

Electromyographic activity recorded from an unexercised muscle during maximal isometric exercise of the contralateral agonists and antagonists. Devine KL, et al. **Phys Ther** 1981 Jun;61(6):898-903

Clinical electromyographic feedback following meniscectomy. A multiple regression experimental analysis. Krebs DE. **Phys Ther** 1981 Jul;61(7):1017-21

[Electromyographic validation of exercise for physical conditioning] Godin G, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):45-51 (Eng. Abstr.) **(Fre)**

[Measurement of the silent period after Hoffmann's reaction as an indicator of the effect of exercise therapy on muscle spasticity in children with cerebral palsy] Nowotny J, et al. **Pol Tyg Lek** 1980 Nov 10;35(45):1741-3 (Eng. Abstr.) **(Pol)**

[Energy expenditures and the functional state of the neuromuscular system in athletes regulating body weight by use of a low-calorie diet] Shubin VI, et al. **Vopr Pitan** 1981 Jan-Feb;(1):11-5 (Eng. Abstr.) **(Rus)**

ENERGY METABOLISM

Force development and metabolism in skeletal muscle of euthyroid and hypothyroid rats. Everts ME, et al. **Acta Endocrinol (Copenh)** 1981 Jun;97(2):221-5

Changes in concentrations of basic energy-yielding substrates in plasma during maximal effort and postexercise restitution in relation to training level. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(5):453-62

Energy expenditure in obese women on a reducing diet. Zahorska-Markiewicz B. **Acta Physiol Pol** 1981 Jan-Feb;32(1):99-102

Effect of task variables and their interactions in lifting and lowering loads. Mital A, et al. **Am Ind Hyg Assoc J** 1981 Feb;42(2):134-42

Effect of a meal on the oxygen consumption-heart rate relationship [letter] Schutz Y, et al. **Am J Clin Nutr** 1981 May;34(5):965-6

Metabolic rate and blood hormone and metabolite levels of individuals susceptible to malignant hyperpyrexia at rest and in response to food and mild exercise. Campbell IT, et al. **Anesthesiology** 1981 Jul;55(1):46-52

Energy cost of ambulation with crutches. Fisher SV, et al. **Arch Phys Med Rehabil** 1981 Jun;62(6):250-6

Cardiovascular stress of crutch walking. Patterson R, et al. **Arch Phys Med Rehabil** 1981 Jun;62(6):257-60

Protein synthesis in the isolated perfused rat heart. Effects of mechanical work load, diastolic ventricular pressure and coronary pressure on amino acid incorporation and its transmural distribution into left ventricular protein. Takala T. **Basic Res Cardiol** 1981 Jan-Feb;76(1):44-61

Uptake and release of energy substrates, oxygen, and carbon dioxide by the hindlimb of the fasting infant baboon. Levitsky LL, et al. **Biol Neonate** 1981;39(1-2):105-12

A laboratory method for determination of anaerobic energy expenditure during sprinting. Thomson JM, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):21-6

An algebra for adiposity? Skyler JS, et al. **Diabetes Care** 1981 Mar-Apr;4(2):328-9

Thermal responses to exercise in children. Davies CT. **Ergonomics** 1981 Jan;24(1):55-61

Mechanical energy analyses of the human during local carriage on a treadmill. Pierrynowsi MR, et al. **Ergonomics** 1981 Jan;24(1):1-14

Acid-base balance during exercise. Hultman E, et al. **Exerc Sport Sci Rev** 1980;8:41-128 (234 ref.)

Work of breathing in dog during exercise. Saibene F, et al. **J Appl Physiol** 1981 May;50(5):1087-92

Alternate or supplemental energy sources. Birkhahn RH, et al. **JPEN** 1981 Jan-Feb;5(1):24-31 (60 ref.)

Biomechanics of sit-up exercises. Ricci B, et al. **Med Sci Sports Exerc** 1981;13(1):54-9

Energy sources and mechanical efficiency of anaerobic work in dog gastrocnemius. di Prampero PE, et al. **Pfluegers Arch** 1981 Mar;389(3):257-62

Glycolytic intermediates in human muscle after isometric contraction. Harris RC, et al. **Pfluegers Arch** 1981 Mar;389(3):277-82

Energy cost of submaximal isometric concentrations in cat fast and slow twitch muscles. Sawka MN, et al. **Pfluegers Arch** 1981 May;390(2):164-8

Noninvasive, nondestructive approaches to cell bioenergetics. Chance B, et al. **Proc Natl Acad Sci USA** 1980 Dec;77(12):7430-4

Boxing. Hillman H. **Resuscitation** 1980 Dec;8(4):211-5

Energetics of muscular exercise. di Prampero PE. **Rev Physiol Biochem Pharmacol** 1981;89:143-222 (270 ref.)

Exercise and the maintenance of health. Halfman MA, et al. **Top Clin Nurs** 1981 Jul;3(2):1-10

[Adaptive changes of carbohydrate metabolism in arterial occlusive diseases. II. Lateral isolated exertion of the lower leg] Maass U, et al. **Vasa** 1981;10(1):36-40 (Eng. Abstr.) **(Ger)**

[Ultrastructural bases of myocardial metabolic disorders under physical loads in alpine adaptation] Kononova VA. **Arkh Patol** 1981;43(2):66-71 (Eng. Abstr.) **(Rus)**

[Microcalorimetric and myographic analysis of the causes of changes in the ratio of heat loss to work accomplished during muscular activity] Prudnikov VM, et al. **Fiziol Zh SSSR** 1981 Feb;67(2):313-9 (Eng. Abstr.) **(Rus)**

[Effect of cold adaptation on the resting membrane potential of muscle fibers] Pshedetskaia AD, et al. **Fiziol Zh SSSR** 1981 Feb;67(2):320-4 (Eng. Abstr.) **(Rus)**

[Tissue energy metabolism in rats in the initial period after a soft tissue injury] Lysyi LT. **Patol Fiziol Eksp Ter** 1981 Jan-Feb;(1):64-9 (Eng. Abstr.) **(Rus)**

[Energy expenditures and the functional state of the neuromuscular system in athletes regulating body weight by use of a low-calorie diet] Shubin VI, et al. **Vopr Pitan** 1981 Jan-Feb;(1):11-5 (Eng. Abstr.) **(Rus)**

EPINEPHRINE

Plasma and urinary catecholamines and metabolites during physical exercise in essential hypertension. Chodakowska J, et al. **Acta Physiol Pol** 1980;31(6):623-30

Metabolism of 3H-catecholamines in the brain of spontaneously hypersensitive rats (SHR) after running stress. Zukowska-Grójec Z, et al. **Acta Physiol Pol** 1980;31(6):613-22

I. Maternal cardiovascular and metabolic responses in normal pregnancy. Artal R, et al. **Am J Obstet Gynecol** 1981 May 15;140(2):123-7

Role of epinephrine for muscular glycogenolysis and pancreatic hormonal secretion in running rats. Richter EA, et al. **Am J Physiol** 1981 May;240(5):E526-32

The sympathetic nervous system and the renin-angiotensin system in borderline hypertension. Henquet JW, et al. **Clin Sci** 1981 Jan;60(1):25-31

The effect of fasting on the hormonal response to graded exercise. Galbo H, et al. **J Clin Endocrinol Metab** 1981 Jun;52(6):1106-12

Spontaneous contractility of human placental vessels in vitro axipetal and isometric recording. Gonzalez Penizza VH, et al. **Reproduccion** 1980 Oct-Dec;4(4):335-9

Plasma catecholamines during exercise-induced bronchoconstriction in bronchial asthma. Zieliński J, et al. **Thorax** 1980 Nov;35(11):823-7

EPIPHYSES

Salter-Harris type-III fracture of the medial femoral condyle occurring in the adolescent athlete. Torg JS, et al. **J Bone Joint Surg [Am]** 1981 Apr;63(4):586-91

EXERCISE, ISOMETRIC

Evaluation of patients with only marginally abnormal arm-ankle blood pressure gradients suspected of arterial obliterative disease. Eickhoff JH, et al. **Acta Chir Scand [Suppl]** 1980;502:21-6

Interrelationships between electromyographic, mechanical, muscle structure and reflex time measurements in man. Viitasalo JT, et al. **Acta Physiol Scand** 1981 Jan;111(1):97-103

Effects of fatigue on isometric force- and relaxation-time characteristics in human muscle. Viitasalo JT, et al. **Acta Physiol Scand** 1981 Jan;111(1):87-95

Left ventricular function after dynamic and static exercise in ischaemic heart disease. Korhonen UR, et al. **Ann Clin Res** 1980 Dec;12(6):299-307

A guide to the prevention of running injuries. Clement DB, et al. **Aust Fam Physician** 1981 Mar;10(3):156-61, 163-4

Specificity in strength training: a review for the coach and athlete. Sale D, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):87-92 (36 ref.)

Static (isometric) exercise. Cardiovascular responses and neural control mechanisms. Proceedings of the 2nd Harry S. Moss International Symposium. Dallas, Texas, October 8-10, 1979. **Circ Res** 1981 Jun;48(6 Pt 2):I1-188

Similarities and dissimilarities between static and dynamic exercise.

Asmussen E. **Circ Res** 1981 Jun;48(6 Pt 2):I3-10 (18 ref.)

Similarity of the hemodynamic responses to static and dynamic exercise of small muscle groups. Blomqvist CG, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I87-92

Energy exchange in human skeletal muscle during isometric contraction. Edwards RH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I11-7 (43 ref.)

Modulation of atrioventricular conduction by isometric exercise in human subjects. Ferrari A, et al. **Circ Res** 1981 Jul; 49(1):265-71

Cardiovascular response to static exercise in the conscious cat. Gonyea WJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I63-9

Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Haskell WL, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I156-61

Assessment of left ventricular function in aortic valve disease by isometric exercise. Krayenbuehl HP, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I149-55

The blood flow through the 'resting' arm during hand-grip contractions. Lind AR, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I104-9

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I138-4[illegible]

Factors determining the blood pressure responses to isometric exercise. Perez-Gonzalez JE. **Circ Res** 1981 Jun; 48(6 Pt 2):I76-86 (43 ref.)

The influence of fiber composition, recruitment order and muscle temperature on the pressor response to isometric contractions in skeletal muscle of the cat. Petrofsky JS, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I32-6

Cardiovascular responses to muscle ischemia in humans. Rowell LB, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I37-47

Different behavior of the resistance vessels of the human calf and forearm during contralateral isometric exercise, mental stress, and abnormal respiratory movements. Rusch NJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I118-30

Static (isometric) exercise. Retrospection and introspection. Shepherd JT, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I179-88 (96 ref.)

The forearm blood flow during intermittent hand-grip isometric exercise. Williams CA, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I110-7

Role of sensory nerves in the cardiovascular and respiratory changes with isometric forearm exercise in man. Duncan O, et al. **Clin Sci** 1981 Feb;60(2):145-55

Influence of sympatholytic drugs on the cardiovascular response to isometric exercise. Watt SJ, et al. **Clin Sci** 1981 Feb; 60(2):139-43

Feedback and maximum voluntary contraction. Peacock B, et al. **Ergonomics** 1981 Mar;24(3):223-8

The effect of handgrip span on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1980 Dec;23(12):1129-35

The influence of body fat on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1981 Mar;24(3):215-22

Relationship between force and integrated EMG activity during voluntary isometric anisotonic contraction. Metral S, et al. **Eur J Applied Physiol** 1981;46(2):185-98

Paradoxical influence of encouragement on muscle fatigue. Rube N, et al. **Eur J Applied Physiol** 1981;46(1):1-7

Prolonged isometric exercise. Part 2: Effect on circulation and on renal excretion of sodium and potassium in young males genetically predisposed to hypertension. Parfrey PS, et al. **Hypertension** 1981 Mar-Apr;3(2):188-91

Prolonged isometric exercise. Part 1: Effect on circulation and on renal excretion of sodium and potassium in mild essential hypertension. Parfrey PS, et al. **Hypertension** 1981 Mar-Apr; 3(2):182-7

Effect of dehydration and a few regimes of rehydration on human performance. Bijlani RL, et al. **Indian J Physiol Pharmacol** 1980 Oct-Dec;24(4):255-66

Handgrip-induced negative U-wave in electrocardiogram of hypertensive subjects. Fu LT, et al. **Jpn Heart J** 1981 Jan; 22(1):59-73

Is exercise testing worth it? [letter] Boiko P. **Pediatrics** 1981 Mar; 67(3):441

Energy cost of submaximal isometric concentrations in cat fast and slow twitch muscles. Sawka MN, et al. **Pfluegers Arch** 1981 May;390(2):164-8

Electromyographic activity recorded from an unexercised muscle during maximal isometric exercise of the contralateral agonists and antagonists. Devine KL, et al. **Phys Ther** 1981 Jun; 61(6):898-903

Clinical electromyographic feedback following meniscectomy. A multiple regression experimental analysis. Krebs DE. **Phys Ther** 1981 Jul;61(7):1017-21

Cerebral potentials prior to various force deployments. Becker W, et al. **Prog Brain Res** 1980;54:189-94

The impact of different levels of muscular force on the contingent negative variation (CNV). Papakostopoulos D, et al. **Prog Brain Res** 1980;54:195-202

Ventilatory and pressor response to isometric exercise in normal subjects. Bosisio E, et al. **Respiration** 1980;40(6):337-43

Effects of antihypertensive drug therapy on responses to isometric exercise. McAllister RG Jr. **South Med J** 1981 Jun; 74(6):700-3

[Steady state ergometry: fact or fiction] Vogelaere P, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):61-7 (Eng. Abstr.) **(Fre)**

[Intercorrelations and variabilities of heart rate at the rest and during exercise in the evaluation of physical fitness] Vogelaere P, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):57-60 (Eng. Abstr.) **(Fre)**

[Alpha-methyldopa and neural control of the circulation in essential hypertension] Mancia G, et al. **Boll Soc Ital Cardiol** 1980;25(2):113-22 (Eng. Abstr.) **(Ita)**

[An isometric exercise for the diagnosis of chronic obliterating arteriopathies of the lower extremities] Catalano M, et al. **G Ital Cardiol** 1980;10(10):1356-9 (Eng. Abstr.) **(Ita)**

[Non-reproducibility of some hemodynamic parameters during bicycle ergometric and isometric tests in patients with recent myocardial infarction (author's transl)] Tavazzi L, et al. **G Ital Cardiol** 1981;11(1):37-50 (Eng. Abstr.) **(Ita)**

EXERCISE TEST

Measurement of central hemodynamic parameters during preoperative exercise testing in patients suspected of arteriosclerotic heart disease. Value in predicting postoperative cardiac complications. Bille-Brahe NE, et al. **Acta Chir Scand [Suppl]** 1980;502:38-45

Early exercise test in the assessment of long-term prognosis after acute myocardial infarction. Saunamäki KI, et al. **Acta Med Scand** 1981;209(3):185-91

The effect of pindolol and isosorbide dinitrate and their combination on exercise tolerance and ECG changes in angina pectoris. Storstein L. **Acta Med Scand** 1981;209(5):357-62

Delay of onset of second degree pacemaker block by beta-blockade in patients with P-synchronous pacemakers. Storstein L. **Acta Med Scand** 1981;209(5):363-7

Chest pain at exercise and coronary heart disease. Areskog NH. **Acta Med Scand [Suppl]** 1981;644:18-21

The value of anginal pain in exercise testing after myocardial infarction. Cokkinos DV, et al. **Acta Med Scand [Suppl]** 1981; 644:27-30

Coronary risk factors and physical fitness in healthy middle-aged men. Erikssen J, et al. **Acta Med Scand [Suppl]** 1981; 645:57-64

Coronary heart disease in Norwegian sea-pilots: part of the occupational hazard? Erikssen J, et al. **Acta Med Scand [Suppl]** 1981;645:79-83

Correlation studies between employability, left ventricular hemodynamics and exercise ECG before and after aortocoronary bypass surgery. Nitter-Hauge S. **Acta Med Scand [Suppl]** 1981; 645:1-7

Relation between ST-depression and chest pain in patients with coronary heart disease receiving no treatment and after beta-blockade and combined alpha-beta-blockade. Nyberg G, et al. **Acta Med Scand [Suppl]** 1981;644:30-3

Significance of integral topocardiography in comprehensive assessment of the myocardial state in ischemic heart disease patients at different times after myocardial infarction. Alymkulov DA, et al. **Adv Cardiol** 1981;28:221-2

Bicycle ergometry criteria of myocardial ischemia in patients with stenosing atherosclerosis of coronary arteries depending on the initial electrocardiogram at rest. Gasilin VS, et al. **Adv Cardiol** 1981;28:188-90

Electrocardiographic evaluation of the bicycle ergometric test in cardiosurgical patients. Kassirsky GI, et al. **Adv Cardiol** 1981; 28:175-7

Correlation between bicycle ergometric data and integral topography in patients with myocardial infarction. Krasnikov VE, et al. **Adv Cardiol** 1981;28:72-4

ECG exercise test and selective coronary angiography in patients with coronary artery disease. Maaroos JA, et al. **Adv Cardiol** 1981;28:181-2

Electrocardiotopographic study for physical exercise tolerance assessment in patients with myocardial infarction. Sledzevskaya IK, et al. **Adv Cardiol** 1981;28:183-4

Results of computing and displaying changes of the S-T segment during treadmill tests after myocardial infarction. Yurasov VS, et al. **Adv Cardiol** 1981;28:185-7

Incidence of exercise-induced asthma in adult asthmatics. Bundgaard A. **Allergy** 1981 Jan;36(1):23-6

Effects of exercise training on left ventricular mass in patients with ischemic heart disease. Ditchey RV, et al. **Am Heart J** 1981 Jun; 101(6):701-6

Effects of diltiazem-induced calcium blockade upon exercise capacity in effort angina due to chronic coronary artery disease. Low RI, et al. **Am Heart J** 1981 Jun;101(6):713-8

Reduction of exercise-induced ischemic regional myocardial

PHYSICAL FITNESS/SPORTS MEDICINE

EXERCISE TEST

dysfunction by verapamil in conscious dogs. Osakada G, et al. **Am Heart J** 1981 Jun;101(6):707-12

Septal myocardial perfusion imaging with thallium-201 in the diagnosis of proximal left anterior descending coronary artery disease. Pichard AD, et al. **Am Heart J** 1981 July; 102(1):30-6

Exercise-induced S-T elevation, coronary artery disease and variant angina [letter] **Am J Cardiol** 1981 May;47(5):1181-2

Myocardial infarction with normal coronary arteries: a prospective clinical-angiographic study. Betriu A, et al. **Am J Cardiol** 1981 Jul;48(1):28-32

Progress in computer analysis of the exercise electrocardiogram. Bhargava V, et al. **Am J Cardiol** 1981 May;47(5):1143-51

Exercise-induced coronary spasm with S-T segment depression and normal coronary arteriography. Boden WE, et al. **Am J Cardiol** 1981 Jul;48(1):193-7

Comparative sensitivity and specificity of exercise electrocardiographic lead systems. Chaitman BR, et al. **Am J Cardiol** 1981 Jun;47(6):1335-49 (120 ref.)

Variations in normal electrocardiographic response to treadmill testing. Froelicher VF, et al. **Am J Cardiol** 1981 May; 47(5):1161-7

Symposium: future directions in exercise testing and exercise electrocardiography--I. Introduction. Froelicher VF, et al. **Am J Cardiol** 1981 May;47(5):1141-2

Comparison of the results and reproducibility of arm and leg exercise tests in men with angina pectoris. Lazarus B, et al. **Am J Cardiol** 1981 May;47(5):1075-9

Evaluation of abnormal exercise electrocardiogram in apparently healthy subjects: labile repolarization (ST-T) abnormalities as a cause of false positive responses. McHenry PL, et al. **Am J Cardiol** 1981 May;47(5):1152-60

Computer quantitation of Q-T and terminal T wave (aT-eT) intervals during exercise: methodology and results in normal men. O'Donnell J, et al. **Am J Cardiol** 1981 May;47(5):1168-72

Effects of a prescribed supervised exercise program on mortality and cardiovascular morbidity in patients after myocardial infarction. The National Exercise and Heart Disease Project. Shaw LW. **Am J Cardiol** 1981 Jul;48(1):39-46

Noninvasive assessment of left ventricular performance in patients with ischemic heart disease: ear densitographic study during uninterrupted treadmill exercise. Sugiura T, et al. **Am J Cardiol** 1981 Jul;48(1):101-5

The predictive value of a strongly positive stress test in patients with minimal symptoms. Blumenthal DS, et al. **Am J Med** 1981 May;70(5):1005-10

I. Maternal cardiovascular and metabolic responses in normal pregnancy. Artal R, et al. **Am J Obstet Gynecol** 1981 May 15; 140(2):123-7

Applicability and interpretation of electrocardiographic stress testing in patients with peripheral vascular disease. Cutler BS, et al. **Am J Surg** 1981 Apr;141(4):501-6

Acute myocardial infarction induced by ergotamine tartrate: possible role of coronary arterial spasm. Yasue H, et al. **Angiology** 1981 Jun;32(6):414-8

Clinical aspects of treadmill exercise testing. Tan D. **Ann Acad Med Singapore** 1980 Oct;9(4):456-62

Early post-myocardial infarction treadmill stress testing. An accurate predictor of multivessel coronary disease and subsequent cardiac events. Fuller CM, et al. **Ann Intern Med** 1981 Jun; 94(6):734-9

Limited exercise testing soon after myocardial infarction. Correlation with early coronary and left ventricular angiography. Schwartz KM, et al. **Ann Intern Med** 1981 Jun;94(6):727-34

Early exercise tests after myocardial infarction [editorial] Stang JM, et al. **Ann Intern Med** 1981 Jun;94(6):814-5

Treadmill exercise tests predischarge and six weeks post-myocardial infarction to detect abnormalities of known prognostic value. Starling MR, et al. **Ann Intern Med** 1981 Jun; 94(6):721-7

Cardiac rehabilitation: evaluation and intervention less than 6 weeks after myocardial infarction. Harrington KA, et al. **Arch Phys Med Rehabil** 1981 Apr;62(4):151-5

Ischaemic heart disease in the eighties. Bauer GE. **Aust Fam Physician** 1981 Feb;10(2):56-9

Pre-exercise evaluation: confusion and controversy heading for clarification. Chisholm DM. **Can J Public Health** 1981 Jan-Feb; 72(1):22-5

An analysis of 'Par-Q' responses in an office population. Shephard RJ, et al. **Can J Public Health** 1981 Jan-Feb;72(1):37-40

Present views on the Canadian Home Fitness Test. Shephard RJ. **Can Med Assoc J** 1981 Apr 1;124(7):875-9

Exercise testing in normal individuals and patients with cardiovascular disease. James FW. **Cardiovasc Clin** 1981; 11(2):227-46 (26 ref.)

Coronary angiography post first myocardial infarction in the asymptomatic or mildly symptomatic patient: clinical, angiographic, and prospective observations. Mautner RK, et al. **Cathet Cardiovasc Diagn** 1981;7(1):1-11

Exercise-induced ST-segment elevation in leads V1 or aVL. A predictor of anterior myocardial ischemia and left anterior descending coronary artery disease. Dunn RF, et al. **Circulation** 1981 Jun;63(6):1357-63

Coronary artery spasm during exercise: treatment with verapamil. Freedman B, et al. **Circulation** 1981 Jul;64(1):68-75

Left ventricular diastolic performance at rest and during exercise in patients with coronary artery disease. Assessment with first-pass radionuclide angiography. Reduto LA, et al. **Circulation** 1981 Jun;63(6):1228-37

Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Selwyn AP, et al. **Circulation** 1981 Jul;64(1):83-90

Analysis of multiple noninvasive test procedures for the diagnosis of coronary artery disease. Charuzi Y, et al. **Clin Cardiol** 1981 Mar;4(2):67-74

Rest and exercise electrocardiograms and radionuclides in patients presenting for cardiac rehabilitation. Froelicher VF, et al. **Clin Cardiol** 1981 Mar;4(2):59-66

Treadmill exercise testing and Thallium-201 scanning as indicators of the presence and severity of coronary artery disease. Chandler JP, et al. **Conn Med** 1980 Oct;44(10):629-34

Detection, prevalence, and significance of arrhythmias during exercise. Faris JV, et al. **Heart Lung** 1981 Jul-Aug; 10(4):644-50

Optimal methods for identifying depression following hospitalization for myocardial infarction. Taylor CB, et al. **J Chronic Dis** 1981;34(4):127-33

The effect of strenuous physical exercise on circulating blood lymphocytes and serum cortisol levels. Robertson AJ, et al. **J Clin Lab Immunol** 1981 Jan;5(1):53-7

Prevention of in vivo platelet aggregation by indobufen in angina patients during exercise. Pogliani EM, et al. **J Int Med Res** 1981; 9(2):113-9

A comprehensive cardiac exercise stress processor for environmental health effects studies. Petrovick ML, et al. **J Med Syst** 1980;4(2):137-50

Exercise testing 10-20 days following acute myocardial infarction. Basta LL, et al. **J Okla State Med Assoc** 1981 Jan;74(1):3-7

Exercise blood pressure response--a predictor of severity of aortic stenosis in children. Alpert BS, et al. **J Pediatr** 1981 May; 98(5):763-5

Exercise testing soon after uncomplicated myocardial infarction. Prognostic value and safety. Fein SA, et al. **JAMA** 1981 May 8;245(18):1863-8

Exercise testing for assessing the effectiveness of digitalis therapy in compensated heart diseases. Cristodorescu R, et al. **Med Interne** 1981 Jan-Mar;19(1):33-42

Predictors of coronary artery disease from exercise stress testing. Gobel MF, et al. **Minn Med** 1981 Mar;64(3):143-8

Lack of release of platelet factor 4 during exercise-induced myocardial ischemia. Mathis PC, et al. **N Engl J Med** 1981 May 21;304(21):1275-8

Pre-discharge exercise testing involving weight carrying after myocardial infarction. Logan R, et al. **NZ Med J** 1981 Feb 11; 93(677):69-71

Exercise-tolerance testing in children. Klein AA. **Pediatr Ann** 1981 Mar;10(3):106-12

Reverse redistribution: worsening of thallium-201 myocardial images from exercise to redistribution. Hecht HS, et al. **Radiology** 1981 Jul;140(1):177-81

Noninvasive clinical and exercise predictors of sudden cardiac death in men with coronary artery disease. Bruce RA. **Tex Med** 1981 Jun;77(6):55-9

The effects of controlled exercise on the client with coronary artery disease. Berra K, et al. **Top Clin Nurs** 1981 Jul;3(2):65-75

The exercise EKG--who needs it? Minasian DJ. **Trans Assoc Life Insur Med Dir Am** 1980;63:176-83

[Clinical dynamic ECG observations of the physical load tolerance of myocardial infarct patients] Beloev I, et al. **Vutr Boles** 1981; 20(1):60-3 (Eng. Abstr.) **(Bul)**

[Early exercise tests in patients after acute myocardial infarction (author's transl)] Canibal J, et al. **Cas Lek Cesk** 1981 Mar 19; 120(11):321-4 (Eng. Abstr.) **(Cze)**

[Incidence and significance of extrasystoles in exercise tests (author's transl)] Hula J, et al. **Cas Lek Cesk** 1981 Mar 19; 120(11):317-20 (Eng. Abstr.) **(Cze)**

[Value of continuous electrocardiographic recording using the Holter method in the diagnosis and surveillance of myocardial ischemia] Fouache Y, et al. **Arch Mal Coeur** 1981 Apr; 74(4):427-35 (Eng. Abstr.) **(Fre)**

[Correlations between exercise tests and calculation of energy indices during a training program in the ambulatory period of a stabilized posterior myocardial infarct] Birkui PJ, et al. **G Ital Cardiol** 1980;10(10):1321-7 (Eng. Abstr.) **(Fre)**

[Circadian variation of ischaemic ST lowering in exercise ECG (author's transl)] Strasser R, et al. **Dtsch Med Wochenschr** 1981 Apr 3;106(14):424-7 (Eng. Abstr.) **(Ger)**

[Variation in the cardiac dynamics in athletes induced by muscular work. Echocardiographic study. I. Morphological aspects] Cassone R, et al. **Boll Soc Ital Cardiol** 1978;23(5):917-22 (Eng.

Abstr.) **(Ita)**

[Contribution of cycloergometrics to the identification of ischemic damage in pre-excitation syndromes] Corsini G, et al. **Boll Soc Ital Cardiol** 1980;25(1):27-36 (Eng. Abstr.) **(Ita)**

[Alpha-methyldopa and neural control of the circulation in essential hypertension] Mancia G, et al. **Boll Soc Ital Cardiol** 1980;25(2):113-22 (Eng. Abstr.) **(Ita)**

[The atrial vectorcardiogram at rest and during exercise. Comparison, by computerized analysis, of normal subjects and patients with mitral stenosis] Astorri E, et al. **G Ital Cardiol** 1980; 10(10):1308-20 (Eng. Abstr.) **(Ita)**

[Positive exercise test in the absence of pain. Characteristic of a high-risk population?] Gavazzi A, et al. **G Ital Cardiol** 1980; 10(10):1328-33 (Eng. Abstr.) **(Ita)**

[Metoprolol effect on ECG exercise test in patients with stable angina pectoris. Computer analysis (author's transl)] Manca C, et al. **G Ital Cardiol** 1979;9(10):1104-9 (Eng. Abstr.) **(Ita)**

[The diagnostic value of bloodless methods and follow-up in young asymptomatic subjects with positive exercise test (author's transl)] Radice M, et al. **G Ital Cardiol** 1979;9(10):1110-7 (Eng. Abstr.) **(Ita)**

[Clinical usefulness of thallium-201 myocardial scintigraphy with dipyridamole pharmacodynamic test in ischemic heart disease (author's transl)] Tarclo GL, et al. **G Ital Cardiol** 1981; 11(1):94-103 (Eng. Abstr.) **(Ita)**

[Non-reproducibility of some hemodynamic parameters during bicycle ergometric and isometric tests in patients with recent myocardial infarction (author's transl)] Tavazzi L, et al. **G Ital Cardiol** 1981;11(1):37-50 (Eng. Abstr.) **(Ita)**

[Use of effort tests for evaluation of the effectiveness of digitalis treatment in atrial fibrillation. Correlation with blood levels of digoxin] Gavrilescu S, et al. **Rev Med Interna [Med Interna]** 1980 Jul-Aug;32(4):325-38 (Eng. Abstr.) **(Rum)**

[Rehabilitation of patients with an aortic valve prosthesis and coronary insufficiency] Fomina NG, et al. **Kardiologiia** 1981 Feb; 21(2):58-62 (Eng. Abstr.) **(Rus)**

[Physical work capacity prognosis of hypertensive patients] Martynov AA, et al. **Kardiologiia** 1981 Mar;21(3):47-50 (Eng. Abstr.) **(Rus)**

[Criterion for assessing the arterial pressure response to bicycle ergometric loading in the hypertension treatment process] Zamotaev IP, et al. **Kardiologiia** 1981 Mar;21(3):41-4 (Eng. Abstr.) **(Rus)**

[Functional state of the cardiovascular system in patients operated on for a secondary atrial septal defect] Zin'kovskii MF, et al. **Kardiologiia** 1981 Feb;21(2):102-4 (Eng. Abstr.) **(Rus)**

[Pharmacodynamics of trinitrolong and sustac studied with the exercise test] Gritsiuk AI, et al. **Ter Arkh** 1981;53(1):49-53 (Eng. Abstr.) **(Rus)**

[Physical load tolerance in mitral and mitral-tricuspid heart defect patients] Muzhilo MS. **Vopr Revm** 1981 Jan-Mar;(1):19-23 (Eng. Abstr.) **(Rus)**

EXERCISE THERAPY

Herniated lumbar disk associated with running. A review of 10 cases. Guten G. **Am J Sports Med** 1981 May-Jun;9(3):155-9

Knee rehabilitation after anterior cruciate ligament reconstruction and repair. Paulos L, et al. **Am J Sports Med** 1981 May-Jun; 9(3):140-9

Inspiratory muscle training compared with physiotherapy in patients with chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):421-5

The effects of inspiratory muscle training on exercise performance in chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):426-33

Cardiac rehabilitation: evaluation and intervention less than 6 weeks after myocardial infarction. Harrington KA, et al. **Arch Phys Med Rehabil** 1981 Apr;62(4):151-5

Exercise training in post-myocardial infarction patients: comparison of results with high risk coronary and post-bypass patients. Hartung GH, et al. **Arch Phys Med Rehabil** 1981 Apr; 62(4):147-50

Exercise training using arms and legs versus legs along. Mostardi RA, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):332-5

Rx exercise: effects and side effects. Leach RE. **Hosp Pract** 1981 Jan;16(1):72A-72C, 72G passim

The role of exercise in the treatment of hypertension in obesity. Horton ES. **Int J Obes** 1981;5 suppl 1:165-71 (35 ref.)

Recurrent transient subluxation of the shoulder. Rowe CR, et al. **J Bone Joint Surg [Am]** 1981 Jul;63A(6):863-72

Physiotherapeutic management for rachitic children with special reference to hypotonia. Atfy AK, et al. **J Egypt Med Assoc** 1978; 61(7-8):543-52

Exertional myoglobinaemia in black wildebeest, and the influence of graduated exercise. Harthoorn AM. **J S Afr Vet Assoc** 1980 Dec;51(4):265-70

COPD therapy begins at home with breathing device [news] Gunby P. **JAMA** 1981 Jul 24-31;246(4):323-4

Carotid palpation, coronary heart disease and exercise rehabilitation. Oldridge NB, et al. **Med Sci Sports Exerc** 1981; 13(1):6-8

Exercise compliance and the prevention of a recurrence of myocardial infarction. Shephard RJ, et al. **Med Sci Sports Exerc** 1981;13(1):1-5

Backache: lean back and exercise. Evans D. **Nurs Mirror** 1981 Jun 10;152(24):16-9

'Post-coronary' rehabilitation, body composition, and recurrent infarction. An analysis of data from the Ontario Exercise-Heart Collaborative Study. Shephard RJ. **Nutr Metab** 1980; 24(6):383-95

Evaluation of electromyographic biofeedback as an adjunct to therapeutic exercise in treating the lower extremities of hemiplegic patients. Binder SA, et al. **Phys Ther** 1981 Jun; 61(6):886-93

Electromyographic activity of back musculature during Williams' flexion exercises. Blackburn SE, et al. **Phys Ther** 1981 Jun; 61(6):878-85

Effect of an exercise program on the static balance of deaf children. Effgen SK. **Phys Ther** 1981 Jun;61(6):873-7

Inspiratory muscle function following abdominal weight exercises in healthy subjects. Merrick J, et al. **Phys Ther** 1981 May; 61(5):651-6

Low-density gas breathing during exercise in chronic obstructive lung disease. Bradley BL, et al. **Respiration** 1980;40(6):311-6

A field application of exercise testing in ischaemic heart disease. Smit PJ, et al. **S Afr Med J** 1981 Apr 11;59(16):561-2

Physical training in rheumatoid arthritis: a controlled long-term study. I. Nordemar R, et al. **Scand J Rheumatol** 1981; 10(1):17-23

Physical training in rheumatoid arthritis: A controlled long-term study. II. Functional capacity and general attitudes. Nordemar R. **Scand J Rheumatol** 1981;10(1):25-30

The effects of controlled exercise on the client with coronary artery disease. Berra K, et al. **Top Clin Nurs** 1981 Jul;3(2):65-75

Exercise therapy for the patient with pulmonary dysfunction. Glass LB. **Top Clin Nurs** 1981 Jul;3(2):87-93

Running therapy for the depressed client. Sachs ML. **Top Clin Nurs** 1981 Jul;3(2):77-86

[Outpatient coronary groups. 1st experiences with high-risk infarct patients after a year's model experiment] Buchbinder W, et al. **Fortschr Med** 1981 Apr 2;99(13):443-6 (Eng. Abstr.) **(Ger)**

[Physical rehabilitation. A further therapeutic instrument in treatment of coronary disease] Marra S, et al. **Minerva Cardioangiol** 1981 Jan-Feb;29(1-2):19-26 (43 ref.) (Eng. Abstr.) **(Ita)**

[Effect of exercise therapy on the PH, pO2 and pCO2 of capillary blood of centrally paralyzed limbs after stroke] Kawiak W, et al. **Neurol Neurochir Pol** 1980;14(6):609-16 (Eng. Abstr.) **(Pol)**

[Rehabilitation of infants and young children by neurophysiological methods] Tworzewski M, et al. **Pediatr Pol** 1981;56(1):41-8 (Eng. Abstr.) **(Pol)**

[Treatment of simple obesity with mazindol under sanatorium conditions] Hasik J, et al. **Pol Tyg Lek** 1980 Nov 10; 35(45):1729-31 (Eng. Abstr.) **(Pol)**

[Measurement of the silent period after Hoffmann's reaction as an indicator of the effect of exercise therapy on muscle spasticity in children with cerebral palsy] Nowotny J, et al. **Pol Tyg Lek** 1980 Nov 10;35(45):1741-3 (Eng. Abstr.) **(Pol)**

[Therapeutic rehabilitation of rheumatoid arthritis patients with impaired hand function] Musur M, et al. **Reumatologia** 1980; 18(4):409-15 (Eng. Abstr.) **(Pol)**

[Characteristics of oxygen provision of physical exertion in rehabilitation after myocardial infarct complicated by heart aneurysm] Il'iash MG, et al. **Ter Arkh** 1980;52(12):28-31 (Eng. Abstr.) **(Rus)**

[Value of walking exercises in the rehabilitation of patients after myocardial infarct] Sledzevskaia IK, et al. **Ter Arkh** 1980; 52(12):31-4 (Eng. Abstr.) **(Rus)**

[Thermographic evaluation of the effects of physical therapy in patients with rheumatoid arthritis (author's transl)] Tauchmannová H, et al. **Bratisl Lek Listy** 1981;75(5):560-6 (Eng. Abstr.) **(Slo)**

EXERTION

Albumin excretion during physical exercise in diabetes. Studies on the effect of insulin treatment and of the renal haemodynamic response. Vittinghus E, et al. **Acta Endocrinol [Suppl] (Copenh)** 1981;97(242):61-2

Effect of physical effort on the white blood cells in benign familial leukopenia. Shoenfeld Y, et al. **Acta Haematol (Basel)** 1981; 65(2):108-13

Physical activity at work and at leisure in relation to coronary risk factors and social class. A 4-year mortality follow-up. The Oslo study. Holme I, et al. **Acta Med Scand** 1981; 209(4):277-83

The effect of pindolol and isosorbide dinitrate and their combination on exercise tolerance and ECG changes in angina pectoris. Storstein L. **Acta Med Scand** 1981;209(5):357-62

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

Quantitative evaluation of chest pain. Borg G, et al. **Acta Med Scand [Suppl]** 1981;644:43-5

Blood pressure reduction by change in life style. The CVD intervention study in Glostrup. Gyntelberg F, et al. **Acta Med Scand [Suppl]** 1981;646:10-14

Angina pectoris in the cold. Effects of cold environment and cold air inhalation at exercise test. Lassvik C. **Acta Med Scand [Suppl]** 1981;644:21-2

Hemodynamic and metabolic long-term effects of tienilic acid in essential hypertension. Lund-Johansen P. **Acta Med Scand [Suppl]** 1981;646:106-14

The renin-aldosterone system during exercise in young patients with essential hypertension. Pedersen EB, et al. **Acta Med Scand [Suppl]** 1981;646:90-93

Angina-like chest pain in patients with oesophageal dysfunction. Tibbling L. **Acta Med Scand [Suppl]** 1981;644:56-9

Effect of prolonged exhausting exercise on the adrenal cortex response to ACTH. Brzezińska Z, et al. **Acta Physiol Pol** 1980; 31(5):567-9

Plasma and urinary catecholamines and metabolites during physical exercise in essential hypertension. Chodakowska J, et al. **Acta Physiol Pol** 1980;31(6):623-30

Plasma renin activity, aldosterone and cortisol levels during physical exercise in essential hypertension. Ignatowska-Switalska H, et al. **Acta Physiol Pol** 1980;31(6):631-5

Influence of alpha and beta adrenergic receptors blockade on the adrenolytic effect of muscular work. Janczewska H, et al. **Acta Physiol Pol** 1980;31(5):469-74

Changes in concentrations of basic energy-yielding substrates in plasma during maximal effort and postexercise restitution in relation to training level. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(5):453-62

Plasma biochemical changes and acid-base equilibrium changes in capillary blood nursing frequency repeated submaximal physical exercise in untrained subjects. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):601-11

Effect of training on left ventricular contraction dynamics at rest and during maximal exercise. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):593-600

Effect of exercise on glycogen level in the skin of the rat. Pietrzyk K, et al. **Acta Physiol Pol** 1980;31(5):571-3

Energy expenditure in obese women on a reducing diet. Zahorska-Markiewicz B. **Acta Physiol Pol** 1981 Jan-Feb; 32(1):99-102

The influence of H1- and H2-receptor blockade on responses of resistance and capacitance vessels to noradrenaline in working skeletal muscles in cats. Janczewska H, et al. **Agents Actions** 1981 Apr;11(1-2):119-22

Effects of sublethal gamma irradiation and exercise on succinate oxidase and metabolites of lipid peroxides. II. Rat skeletal muscle. Wilhelm J, et al. **Agressologie** 1980;21(2):87-91

Effect of sublethal gamma irradiation and exercise on succinate oxidase and metabolites of lipid peroxides. I. Rat liver. Wilhelm J, et al. **Agressologie** 1980;21(2):81-6

The cardiovascular effects of ethanol and acetaldehyde in exercising dogs. Stratton R, et al. **Alcoholism (NY)** 1981 Jan; 5(1):56-63

Exercise training in coronary heart disease: is there a cardiac effect? Amsterdam EA, et al. **Am Heart J** 1981 Jun;101(6):870-3

Stress thallium-201 myocardial scintigraphy and exercise technetium ventriculography in the detection and location of chronic coronary artery disease: comparison of sensitivity and specificity of these noninvasive tests alone and in combination. Elkayam U, et al. **Am Heart J** 1981 May;101(5):657-66

Contrast enhancement of thallium-201 myocardial scintigrams: improved sensitivity with diminished specificity in coronary disease detection. Massie B, et al. **Am Heart J** 1981 July; 102(1):37-44

Pediatric aspects of atherosclerosis. Voller RD Jr, et al. **Am Heart J** 1981 Jun;101(6):815-36 (261 ref.)

Modeling carbon monoxide uptake during work. Bernard TE, et al. **Am Ind Hyg Assoc J** 1981 May;42(5):361-4

Effect of task variables and their interactions in lifting and lowering loads. Mital A, et al. **Am Ind Hyg Assoc J** 1981 Feb; 42(2):134-42

Heat acclimatization, its decay and reinduction in young Caucasian females. Stephens RL, et al. **Am Ind Hyg Assoc J** 1981 Jan; 42(1):12-7

Maximal exercise capacity of children with heart defects [letter] Cumming GR. **Am J Cardiol** 1981 Jun;47(6):1381

Predicting the extent and location of coronary artery disease during the early postinfarction period by quantitative thallium-201 scintigraphy. Gibson RS, et al. **Am J Cardiol** 1981 May; 47(5):1010-9

Shortened platelet survival time and enhanced heart rate responses after abrupt withdrawal of propranolol from normal subjects. Goldstein RE, et al. **Am J Cardiol** 1981 May;47(5):1115-22

Approximate normal standards of maximal cardiac output during upright exercise in women. Hossack KF, et al. **Am J Cardiol** 1981 May;47(5):1080-6

Slow release oxprenolol in angina pectoris: study comparing oxprenolol, once daily, with propranolol, four times daily. Olowoyeye JO, et al. **Am J Cardiol** 1981 May;47(5):1123-7

Relative role of caloric restriction and exercise training upon susceptibility to isoproterenol-induced myocardial infarction in male rats. Crandall DL, et al. **Am J Clin Nutr** 1981 May; 34(5):841-7

Effect of a meal on the oxygen consumption-heart rate relationship [letter] Schutz Y, et al. **Am J Clin Nutr** 1981 May; 34(5):965-6

Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure. Chatterjee K, et al. **Am J Med** 1981 Jul;71(1):140-6

Exercise and health [editorial] Froelicher V. **Am J Med** 1981 May; 70(5):987-8

Partial peripheral resistance to thyroid hormone. Kaplan MM, et al. **Am J Med** 1981 May;70(5):1115-21

Handling depression through activity. Knowles RD. **Am J Nurs** 1981 Jun;81(6):1187

I. Maternal cardiovascular and metabolic responses in normal pregnancy. Artal R, et al. **Am J Obstet Gynecol** 1981 May 15; 140(2):123-7

Changes in intraocular pressure during acute exercise. Krejci RC, et al. **Am J Optom Physiol Opt** 1981 Feb;58(2):144-8

A new method for long-term monitoring of the ballistocardiogram, heart rate, and respiration. Alihanka J, et al. **Am J Physiol** 1981 May;240(5):R384-92

Effects of glucose infusion on hepatic and muscle glycogenolysis in exercising dogs. Issekutz B Jr. **Am J Physiol** 1981 May; 240(5):E451-7

Glucoregulatory and metabolic response to exercise in obese noninsulin-dependent diabetes. Minuk HL, et al. **Am J Physiol** 1981 May;240(5):E458-64

Role of epinephrine for muscular glycogenolysis and pancreatic hormonal secretion in running rats. Richter EA, et al. **Am J Physiol** 1981 May;240(5):E526-32

The measured effect of taping on combined foot and ankle motion before and after exercise. Fumich RM, et al. **Am J Sports Med** 1981 May-Jun;9(3):165-70

Will atheroma regress with diet and exercise? Blankenhorn DH. **Am J Surg** 1981 Jun;141(6):644-5

The influence of active gas exchange on the slope of phase III at rest and after exercise. Cormier YF, et al. **Am Rev Respir Dis** 1981 Feb;123(2):213-6

Pulmonary function and exercise gas exchange in survivors of adult respiratory distress syndrome. Elliott CG, et al. **Am Rev Respir Dis** 1981 May;123(5):492-5

Lack of sensitivity of measurements of Vd/Vt at rest and during exercise in detection of hemodynamically significant pulmonary vascular abnormalities in collagen vascular disease. Mohsenifar Z, et al. **Am Rev Respir Dis** 1981 May;123(5):508-12

The effects of inspiratory muscle training on exercise performance in chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):426-33

Inspiratory muscle training compared with physiotherapy in patients with chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):421-5

Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects. Sheppard D, et al. **Am Rev Respir Dis** 1981 May;123(5):486-91

Metabolic rate and blood hormone and metabolite levels of individuals susceptible to malignant hyperpyrexia at rest and in response to food and mild exercise. Campbell IT, et al. **Anesthesiology** 1981 Jul;55(1):46-52

Intermittent claudication and hypertension. Ankle pressure and walking distance in patients with well-treated and non-treated hypertension. Janzon L, et al. **Angiology** 1981 Mar; 32(3):175-9

HDL-cholesterol: the negative risk factor for coronary heart disease. Tan MH. **Ann Acad Med Singapore** 1980 Oct; 9(4):491-5 (63 ref.)

Prazosin enhances the antihypertensive effects of beta-blockers during isometric and dynamic exercise. Äärynen M, et al. **Ann Clin Res** 1981 Apr;13(2):71-6

Left ventricular function after dynamic and static exercise in ischaemic heart disease. Korhonen UR, et al. **Ann Clin Res** 1980 Dec;12(6):299-307

Some anthropometric and functional dimensions of the pygmy (Kivu Twa). Ghesquiere JL, et al. **Ann Hum Biol** 1981 Mar-Apr; 8(2):119-34

Study of the acute effect of AR-L 115 BS, a new positive-inotropic agent in patients with exercise-induced heart failure. Drexler H, et al. **Arzneimittelforsch** 1981;31(1a):259-62

Ergometric and hemodynamic studies on a new cardiotonic agent AR-L 115 BS. Pozenel H. **Arzneimittelforsch** 1981; 31(1a):263-6

Aerobic exercise effects on lipoproteins and tissue lipids in young pigs. Forsythe WA, et al. **Atherosclerosis** 1981 Feb-Mar; 38(3-4):327-37

A guide to the prevention of running injuries. Clement DB, et al. **Aust Fam Physician** 1981 Mar;10(3):156-61, 163-4

To run or not to run - that is the question and reply: ascorbate (Vit. C) utilisation and stressful physical exertion. Mowle AF. **Australas Nurses J** 1981 Jan-Feb;10(2):29-30

The adaptive changes in the isoenzyme pattern of myosin from hypertrophied rat myocardium as a result of pressure overload and physical training. Rupp H. **Basic Res Cardiol** 1981 Jan-Feb; 76(1):79-88

Protein synthesis in the isolated perfused rat heart. Effects of mechanical work load, diastolic ventricular pressure and coronary pressure on amino acid incorporation and its transmural distribution into left ventricular protein. Takala T. **Basic Res Cardiol** 1981 Jan-Feb;76(1):44-61

Exercise-induced increases in myocardial adenosine 3',5'-cyclic monophosphate and phosphodiesterase activity. Palmer WK, et al. **Biochim Biophys Acta** 1981 Jan 7;672(1):114-22

Vasodilator treatment with isosorbide dinitrate and hydralazine in chronic heart failure. Massie BM, et al. **Br Heart J** 1981 Apr; 45(4):376-84

The relationship between the number of capillaries in the skin of the venous ulcer-bearing area of the lower leg and the fall in foot vein pressure during exercise. Burnand KG, et al. **Br J Surg** 1981 May;68(5):297-300

Secondary prevention in survivors of myocardial infarction. Joint Recommendations by the International Society and Federation of Cardiology, Scientific Councils on Arteriosclerosis, Epidemiology and Prevention, and Rehabilitation. **Br Med J [Clin Res]** 1981 Mar 14;282(6267):894-6

Severe hypoglycaemia during physical exercise and treatment with beta-blockers. Holm G, et al. **Br Med J [Clin Res]** 1981 Apr 25;282(6273):1360

Continuous subcutaneous insulin infusion corrects exercise-induced albuminuria in juvenile diabetes. Koivisto VA, et al. **Br Med J [Clin Res]** 1981 Mar 7;282(6266):778-9

Effects of muscular exercise on the affinity for oxygen of whole blood in healthy men and in bronchitic patients. Bonsignore G, et al. **Bull Eur Physiopathol Respir** 1980;16(2):229-37

Ventilation-perfusion distribution in young and old volunteers during mild exercise. Derks CM. **Bull Eur Physiopathol Respir** 1980;16(2):145-54

Determination of resistance settings for anaerobic power testing. Evans JA, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):53-6

Alcohol ingestion and man's ability to adapt to exercise in a cold environment. Graham T. **Can J Appl Sport Sci** 1981 Mar; 6(1):27-31

Continuous vs. interval training: a review for the athlete and the coach. MacDougall D, et al. **Can J Appl Sport Sci** 1981 Jun; 6(2):93-7 (34 ref.)

Physical activity and sport: attitudes and perceptions of young Canadian athletes. Schutz RW, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):32-9

Prediction of anaerobic capacity: a performance test employing an optimal exercise stress. Thomson JM. **Can J Appl Sport Sci** 1981 Mar;6(1):16-20

The regularity and interrelation of respiratory and cardiac rhythms at rest and during exercise. Duffin J, et al. **Can J Physiol Pharmacol** 1981 Jan;59(1):84-7

Biochemical and histochemical alterations in skeletal muscle in man during a period of reduced activity. Green HJ, et al. **Can J Physiol Pharmacol** 1980 Nov;58(11):1311-6

Pre-exercise evaluation: confusion and controversy heading for clarification. Chisholm DM. **Can J Public Health** 1981 Jan-Feb; 72(1):22-5

An analysis of 'Par-Q' responses in an office population. Shephard RJ, et al. **Can J Public Health** 1981 Jan-Feb;72(1):37-40

Present views on the Canadian Home Fitness Test. Shephard RJ. **Can Med Assoc J** 1981 Apr 1;124(7):875-9

Effects of breathing retraining in patients with chronic obstructive pulmonary disease. Casciari RJ, et al. **Chest** 1981 Apr; 79(4):393-8

Static (isometric) exercise. Cardiovascular responses and neural control mechanisms. Proceedings of the 2nd Harry S. Moss International Symposium, Dallas, Texas, October 8-10, 1979. **Circ Res** 1981 Jun;48(6 Pt 2):I1-188

Similarities and dissimilarities between static and dynamic exercise. Asmussen E. **Circ Res** 1981 Jun;48(6 Pt 2):I3-10 (18 ref.)

Similarity of the hemodynamic responses to static and dynamic exercise of small muscle groups. Blomqvist CG, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I87-92

Energy exchange in human skeletal muscle during isometric contraction. Edwards RH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I11-7 (43 ref.)

Modulation of atrioventricular conduction by isometric exercise in human subjects. Ferrari A, et al. **Circ Res** 1981 Jul; 49(1):265-71

Cardiovascular response to static exercise in the conscious cat. Gonyea WJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I63-9

Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Haskell WL, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I156-61

Central projections from ergoreceptors (C fibers) in muscle involved in cardiopulmonary responses to static exercise. Kalia M, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I48-62

Effect of static and dynamic exercise on heart volume, contractility, and left ventricular dimensions. Keul J, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I162-70

Cardiovascular response to combined dynamic and static exercise. Kilbom A, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I93-7

Assessment of left ventricular function in aortic valve disease by isometric exercise. Krayenbuehl HP, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I149-55

Chronic training with static and dynamic exercise: cardiovascular adaptation, and response to exercise. Longhurst JC, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I171-8

Response of arterial blood pressure to static exercise in relation to muscle mass, force development, and electromyographic activity. Mitchell JH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I70-5

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I138-48

Factors determining the blood pressure responses to isometric exercise. Perez-Gonzalez JE. **Circ Res** 1981 Jun; 48(6 Pt 2):I76-86 (43 ref.)

The influence of fiber composition, recruitment order and muscle temperature on the pressor response to isometric contractions in skeletal muscle of the cat. Petrofsky JS, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I32-6

Different behavior of the resistance vessels of the human calf and forearm during contralateral isometric exercise, mental stress, and abnormal respiratory movements. Rusch NJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I118-30

Static (isometric) exercise. Retrospection and introspection. Shepherd JT, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I179-88 (96 ref.)

The forearm blood flow during intermittent hand-grip isometric exercise. Williams CA, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I110-7

Coronary artery spasm during exercise: treatment with verapamil. Freedman B, et al. **Circulation** 1981 Jul;64(1):68-75

The effect of physical training on plasma lipids and lipoproteins. Ballantyne D, et al. **Clin Cardiol** 1981 Jan;4(1):1-4 (38 ref.)

Influence of heart rate on systolic time intervals: effects of atrial pacing versus dynamic exercise. Mertens HM, et al. **Clin Cardiol** 1981 Jan;4(1):22-7

Acute effects of a single exercise session on serum lipids in untrained men. Cullinane E, et al. **Clin Chim Acta** 1981 Feb 5; 109(3):341-4

Changes in high density lipoprotein subfractions and other lipoproteins by exercise. Nye ER, et al. **Clin Chim Acta** 1981 Jun 2;113(1):51-7

Failure of naloxone to alter exercise-induced growth hormone and prolactin release in normal men. Mayer G, et al. **Clin Endocrinol (Oxf)** 1980 Nov;13(5):413-6

Effects of activity on bone growth and development in the rat. Steinberg ME, et al. **Clin Orthop** 1981 May;(156):52-60

Hydrogen ion balance in exercise [letter] Cohen RD, et al. **Clin Sci** 1981 Feb;60(2):245-6

Role of sensory nerves in the cardiovascular and respiratory changes with isometric forearm exercise in man. Duncan O, et al. **Clin Sci** 1981 Feb;60(2):145-55

Immunological responses to training in conditioned runners. Hanson PG, et al. **Clin Sci** 1981 Feb;60(2):225-8

The sympathetic nervous system and the renin-angiotensin system in borderline hypertension. Henquet JW, et al. **Clin Sci** 1981 Jan; 60(1):25-31

Cardiovascular and autonomic reflexes in haemodialysis patients. Naik RB, et al. **Clin Sci** 1981 Feb;60(2):165-70

Influence of sympatholytic drugs on the cardiovascular response to isometric exercise. Watt SJ, et al. **Clin Sci** 1981 Feb; 60(2):139-43

Comparison of biosynthetic human insulin and pork insulin during rest, food ingestion, and physical work in insulin-dependent diabetic subjects using a glucose controlled insulin infusion system. Beyer J, et al. **Diabetes Care** 1981 Mar-Apr; 4(2):189-92

An algebra for adiposity? Skyler JS, et al. **Diabetes Care** 1981 Mar-Apr;4(2):328-9

Prevalence of diabetic autonomic neuropathy measured by simple bedside tests. Dyrberg T, et al. **Diabetologia** 1981 Mar; 20(3):190-4

Thermal responses to exercise in children. Davies CT. **Ergonomics** 1981 Jan;24(1):55-61

The relation between performance in throwing task and work-induced activation. Evans AD, et al. **Ergonomics** 1980 Dec; 23(12):1147-9

Determination of the functional residual capacity during exercise. Kiers A, et al. **Ergonomics** 1980 Oct;23(10):955-9

The effect of abdominal muscle fatigue and training on the intra-abdominal pressure developed during lifting. Legg SJ.

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

Ergonomics 1931 Mar;24(3):191-5

The effect of handgrip span on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1980 Dec;23(12):1129-35

The influence of body fat on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1981 Mar;24(3):215-22

Mechanical energy analyses of the human during local carriage on a treadmill. Pierrynowsi MR, et al. **Ergonomics** 1981 Jan; 24(1):1-14

Ratings of perceived exertion at the anaerobic threshold. Purvis JW, et al. **Ergonomics** 1981 Apr;24(4):295-300

The effect of exercise, thyroid status and insulin-induced hypoglycaemia on the Achilles tendon reflex time in man. Ballantyne GH, et al. **Eur J Applied Physiol** 1981;46(1):77-83

Selected biochemical parameters of two sizes of rat skeletal and heart muscle mitochondria at selected intervals of a 16-week endurance training program. Farrar RP, et al. **Eur J Applied Physiol** 1981;46(1):91-102

Plasma vasopressin, renin activity, and aldosterone: effect of exercise and training. Geyssant A, et al. **Eur J Applied Physiol** 1981;46(1):21-30

Muscle strength and fatigue after selective glycogen depletion in human skeletal muscle fibers. Jacobs I, et al. **Eur J Applied Physiol** 1981;46(1):47-53

The effect of a high calory diet on hormonal changes in young men during prolonged physical strain and sleep deprivation. Opstad PK, et al. **Eur J Applied Physiol** 1981;46(1):31-9

Exercise-induced release of pancreatic polypeptide and its inhibition by propranolol: evidence for adrenergic stimulation. Feurle GE, et al. **Eur J Clin Invest** 1980 Jun;10(3):249-51

Haemodynamic dose-response effects of i.v. metoprolol in coronary heart disease. Hendry WG, et al. **Eur J Clin Pharmacol** 1981;19(5):323-7

Muscle fiber splitting in trained and untrained animals. Gonyea WJ. **Exerc Sport Sci Rev** 1980;8:19-39 (71 ref.)

Acid-base balance during exercise. Hultman E, et al. **Exerc Sport Sci Rev** 1980;8:41-128 (234 ref.)

Peripheral and central nervous system mechanisms controlling exercise-induced breathing patterns. Vidruk EH, et al. **Exerc Sport Sci Rev** 1980;8:129-47 (67 ref.)

Anabolic steroids and athletics. Wright JE. **Exerc Sport Sci Rev** 1980;8:149-202 (131 ref.)

Proteolytic capacity in mouse cardiac muscle following strenuous exercise. Salminen A, et al. **Experientia** 1981 Mar 15; 37(3):226-7

Increased acetyl carnitine in rat skeletal muscle as a result of high-intensity short-duration exercise. Implications in the control of pyruvate dehydrogenase activity. Carter AL, et al. **FEBS Lett** 1981 Apr 6;126(1):21-4

Diabetes in the elderly: what role for exercise? Koivisto VA. **Geriatrics** 1981 Jun;36(6):74-7, 81-3

Rx exercise: effects and side effects. Leach RE. **Hosp Pract** 1981 Jan;16(1):72A-72C, 72G passim

'High-risk' bundle branch block. Rahimtoola SH, et al. **Hosp Pract** 1981 Jan;16(1):73-80, 85-7, 91-2

Prolonged isometric exercise. Part 1: Effect on circulation and on renal excretion of sodium and potassium in mild essential hypertension. Parfrey PS, et al. **Hypertension** 1981 Mar-Apr; 3(2):182-7

Prolonged isometric exercise. Part 2: Effect on circulation and on renal excretion of sodium and potassium in young males genetically predisposed to hypertension. Parfrey PS, et al. **Hypertension** 1981 Mar-Apr;3(2):188-91

Exercise and the amplitude of first heart sound in ischemic heart disease and normal subjects. Gupta RC, et al. **Indian Heart J** 1980 Nov-Dec;32(6):349-54

Computerized quantitation of regional myocardial perfusion in man. Llaurado JG, et al. **Int J Biomed Comput** 1980 Nov; 11(6):501-10

Evaluation and component analysis of a comprehensive weight control program. Miller PM, et al. **Int J Obes** 1981; 5(1):57-65

The effect of addition of exercise to a regime of dietary restriction on weight loss, nitrogen balance, resting metabolic rate and spontaneous physical activity in three obese women in a metabolic ward. Warwick PM, et al. **Int J Obes** 1981; 5(1):25-32

Effects of an outdoor exercise program on cardiovascular and metabolic data in patients with coronary heart disease (CHD). Berg A, et al. **Int J Rehabil Res** 1981;4(1):64-6

The use of physiological techniques for monitoring of progress during rehabilitation following fractures of the lower limb. Imms FJ. **Int Rehabil Med** 1980;2(4):181-8 (53 ref.)

Alcohol consumption in rats: effects on work capacity in the heat. Francesconi R, et al. **J Appl Physiol** 1981 May;50(5):1006-10

Muscular enlargement and number of fibers in skeletal muscles of rats. Gollnick PD, et al. **J Appl Physiol** 1981 May; 50(5):936-43

Evaluation of alveolar amplitude response technique for determination of lung perfusion in exercise. Luijendijk SC, et al. **J Appl Physiol** 1981 May;50(5):1071-8

Work of breathing in dog during exercise. Saibene F, et al. **J Appl Physiol** 1981 May;50(5):1087-92

Acute tubular necrosis in march haemoglobinuria. Yashpal M, et al. **J Assoc Physicians India** 1980 May-Jun;28(5-6):145-7

Evaluation of a self-help education-exercise program for asthmatic children and their parents: six-month follow-up. Staudenmayer H, et al. **J Asthma Res** 1981 Jan;18(1):1-5

The effect of prolonged physical training on the properties of long bone: a study of Wolff's Law. Woo SL, et al. **J Bone Joint Surg [Am]** 1981 Jun;63-A(5):780-7

Plasma melatonin increases during exercise in women. Carr DB, et al. **J Clin Endocrinol Metab** 1981 Jul;53(1):224-5

The effect of fasting on the hormonal response to graded exercise. Galbo H, et al. **J Clin Endocrinol Metab** 1981 Jun; 52(6):1106-12

Abnormal coronary vascular response to exercise in dogs with severe right ventricular hypertrophy. Murray PA, et al. **J Clin Invest** 1981 May;67(5):1314-23

Effects of exercise on the biochemical aging of mammalian myocardium. I. Actomyosin ATPase. Rockstein M, et al. **J Gerontol** 1981 May;36(3):294-7

Relative tension and potential excursion of muscles in the forearm and hand. Brand PW, et al. **J Hand Surg** 1981 MAY; 6(3):209-19

Diminution in the size of the thymus in mice during forced swimming. Reyes MP, et al. **J Infect Dis** 1981 Feb;143(2):292

Prevention of in vivo platelet aggregation by indobufen in angina patients during exercise. Pogliani EM, et al. **J Int Med Res** 1981; 9(2):113-9

Exercise-induced pain, stiffness, and tubular aggregation in skeletal muscle. Brumback RA, et al. **J Neurol Neurosurg Psychiatry** 1981 Mar;44(3):250-4

A morphometric analysis of human muscle fibers with relation to fiber types and adaptations to exercise. Prince FP, et al. **J Neurol Sci** 1981 Feb;49(2):165-79

Effects of exercise on kinetics and distribution of K-43 and Tl-201 in isolated myocardium: concise communication. Llaurado JG, et al. **J Nucl Med** 1981 May;22(5):441-6

Thallium-201 myocardial scintigraphy: a critical comparison of seven-pinhole tomography and conventional planar imaging. Rizi HR, et al. **J Nucl Med** 1981 Jun;22(6):493-9

Exercise blood pressure response--a predictor of severity of aortic stenosis in children. Alpert BS, et al. **J Pediatr** 1981 May; 98(5):763-5

The bearing-down efforts and their effects on fetal heart rate, oxygenation and acid base balance. Caldeyro-Barcia R, et al. **J Perinat Med** 1981;9 Suppl 1:63-7

Capillary increase in the skeletal muscle of trained young and adult rats. Adolfsson J, et al. **J Physiol (Lond)** 1981 Jan;310:529-32

Exertional myoglobinaemia in black wildebeest, and the influence of graduated exercise. Harthoorn AM. **J S Afr Vet Assoc** 1980 Dec;51(4):265-70

Physiological and anthropometric determinants of mile run time. Berg K, et al. **J Sports Med Phys Fitness** 1980 Dec; 20(4):390-6

Lactic acid evolution in relation to work duration during a short anaerobic exhausting exercise. de Bruyn-Prevost P, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):377-82

A study of the enzyme inducing effect of physical exercise in man. The 'trained liver'. Frenkl R, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):371-6

Prevention of damage by sport activity in hot climates. Keren G, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):452-9

The influence of endurance training on left ventricular function. Pust B, et al. **J Sports Med Phys Fitness** 1980 Dec; 20(4):359-64

A simple, accurate technique for determining work rate (watts) on the treadmill. Ruhling RO, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):387-9

Can you alter your heart disease risk? [news] Johnson RS. **JAMA** 1981 May 15;245(19):1903-8

Myocardial perfusion assessed with thallium-201 and left heart volume measured by radiocardiogram at rest and during exercise in patients with coronary artery disease. Kadota K, et al. **Jpn Circ J** 1981 Feb;45(2):163-70

Handgrip-induced negative U-wave in electrocardiogram of hypertensive subjects. Fu LT, et al. **Jpn Heart J** 1981 Jan; 22(1):59-73

Cuff and ambulatory blood pressure in subjects with essential hypertension. Floras JS, et al. **Lancet** 1981 Jul 18; 2(8238):107-9

Decreased exercise tolerance and hypertension in severe hereditary deficiency of plasma kininogens [letter] James FW, et al. **Lancet** 1981 Apr 18;1(8225):889

Prostacyclin, nitroglycerin, and effort angina [letter] Szczeklik A, et al. **Lancet** 1981 May 2;1(8227):1006

The effect of running on plasma beta-endorphin. Colt EW, et al. **Life Sci** 1981 Apr 6;28(14):1637-40

An analysis of exercise as a stimulus for the production of airway obstruction. McFadden ER Jr. **Lung** 1981;159(1):3-11 (49 ref.)

Exercise performance in chronic obstructive pulmonary diseases. Brown HV, et al. **Med Clin North Am** 1981 May; 65(3):525–47 (97 ref.)

Acute effects of cigarette smoking on left ventricular function at rest and exercise. Behr MJ, et al. **Med Sci Sports Exerc** 1981; 13(1):9–12

Physical activity patterns determined by heart rate monitoring in 6–7 year-old children. Gilliam TB, et al.
Med Sci Sports Exerc 1981;13(1):65–7

Predictive validity of a computer model of body temperature during exercise. Hancock PA. **Med Sci Sports Exerc** 1981; 13(1):31–3

Reduced training frequencies and maintenance of increased aerobic power. Hickson RC, et al. **Med Sci Sports Exerc** 1981; 13(1):13–6

Ventilatory endurance in athletes and non-athletes. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(1):21–6

Biomechanics of sit-up exercises. Ricci B, et al.
Med Sci Sports Exerc 1981;13(1):54–9

Physical activity and calcium modalities for bone mineral increase in aged women. Smith EL Jr, et al. **Med Sci Sports Exerc** 1981; 13(1):60–4

O2 uptake and work by in situ muscle performing contractions with constant shortening. Stainsby WN, et al.
Med Sci Sports Exerc 1981;13(1):27–30

Effects of mild hyperinsulinemia on the metabolic response to exercise. Martin MJ, et al. **Metabolism** 1981 Jul;30(7):688–94

Changes in serum lipids, lipoproteins, and heparin releasable lipolytic enzymes during moderate physical training in man: a longitudinal study. Peltonen P, et al. **Metabolism** 1981 May; 30(5):518–26

Dichloroacetate: effects on exercise endurance in untrained rats. Schneider SH, et al. **Metabolism** 1981 Jun;30(6):590–5

Ability of exercise to inhibit carbohydrate-induced hypertriglyceridemia in rats. Zavaroni I, et al. **Metabolism** 1981 May;30(5):476–80

Serum myoglobin levels associated with severe exercise. Olerud JE, et al. **Milit Med** 1981 Apr;146(4):274–6

Lack of release of platelet factor 4 during exercise-induced myocardial ischemia. Mathis PC, et al. **N Engl J Med** 1981 May 21;304(21):1275–8

Intense exercise, bone structure and blood calcium levels in vertebrates. Ruben JA, et al. **Nature** 1981 Jun 4; 291(5814):411–3

Cholinesterase in muscle of dystrophic hamsters (Bio-40.54). Henderson NS, et al. **Neurochem Res** 1980 Dec;5(12):1221–30

Ultrastructural changes with high activity and subsequent recovery at locust motor nerve terminals. A stereological analysis. Reinecke M, et al. **Neuroscience** 1981;6(3):489–503

Differences between 201Tl and 43K tissue distribution in rested and exercises rats. Llaurado JG, et al. **Nuklearmedizin** 1981 Feb; 20(1):40–5

New 'movement synthesis' for nurses and patients. Gabriel J.
Nurs Careers 1981 Jan–Feb;2(1):22–3

Type II diabetes mellitus in the senior client. Zimmerman FA.
Nurse Pract 1981 May–Jun;6(3):31–4

Pre-discharge exercise testing involving weight carrying after myocardial infarction. Logan R, et al. **NZ Med J** 1981 Feb 11; 93(677):69–71

The exercise fad: a risk/benefit analysis. Strasser AL.
Occup Health Saf 1981 Apr;50(4):6–12

Is exercise testing worth it? [letter] Boiko P. **Pediatrics** 1981 Mar; 67(3):441

Cardiac output measured by acetylene rebreathing technique at rest and during exercise. Comparison of results obtained by various calculation procedures. Kanstrup IL, et al.
Pfluegers Arch 1981 May;390(2):179–85

Reflex effects on human breathing of breath-by-breath changes of the time profile of alveolar PCO2 during steady hypoxia. Metias EF, et al. **Pfluegers Arch** 1981 Mar;389(3):243–50

Energy cost of submaximal isometric concentrations in cat fast and slow twitch muscles. Sawka MN, et al. **Pfluegers Arch** 1981 May;390(2):164–8

Electromyographic activity recorded from an unexercised muscle during maximal isometric exercise of the contralateral agonists and antagonists. Devine KL, et al. **Phys Ther** 1981 Jun; 61(6):898–903

Effects of an applied kinesiology technique on quadriceps femoris muscle isometric strength. Grossi JA. **Phys Ther** 1981 Jul; 61(7):1011–6

Computerized system for measurement of force exerted within each pedal revolution during cycling. Brooke JD, et al.
Physiol Behav 1981 Jan;26(1):139–43

Exercise-induced sucrose suppression in the rat. Nikoletseas MM.
Physiol Behav 1981 Jan;26(1):145–6

The effect of hypoxic and hypobaric exercises on the blood-brain barrier in rats. Dux E, et al. **Physiologist** 1980 Dec; 23(Suppl 6):S105–7

Orthostatic tolerance and exercise response before and after 7 days simulated weightlessness. Guell A, et al. **Physiologist** 1980 Dec; 23(Suppl 6):S151–2

Early prediction of hypertension using exercise blood pressure. Wilson NV, et al. **Prev Med** 1981 Jan;10(1):62–8

Haemodynamic and metabolic responses to physical training in chronic renal failure. Röseler E, et al.
Proc Eur Dial Transplant Assoc 1980;17:702–6

Controlled exercise elevates plasma but not urinary MHPG and VMA. Tang SW, et al. **Psychiatry Res** 1981 Feb;4(1):13–20

The specific activity of platelet monoamine oxidase varies with platelet count during severe exercise and noradrenaline infusion. Gawel MJ, et al. **Psychopharmacology (Berlin)** 1981; 72(3):275–7

Reverse redistribution: worsening of thallium-201 myocardial images from exercise to redistribution. Hecht HS, et al.
Radiology 1981 Jul;140(1):177–81

Heart rate and rope skipping intensity. Myles WS, et al.
Res Q Exerc Sport 1981 Mar;52(1):76–9

Effects of swimming and walking on exercise recovery and subsequent swim performance. Siebers LS, et al.
Res Q Exerc Sport 1981 Mar;52(1):68–75

Carotid chemoreceptor function in ventilatory and circulatory O2 convection of exercising dogs at low and high altitude. Bouverot P, et al. **Respir Physiol** 1981 Feb;43(2):147–67

Design of the mammalian respiratory system. V. Scaling morphometric pulmonary diffusing capacity to body mass: wild and domestic mammals. Gehr P, et al. **Respir Physiol** 1981 Apr; 44(1):61–86

Entrainment of breathing rate to movement frequency during work at two intensities. Jasinskas CL, et al. **Respir Physiol** 1980 Dec; 42(3):199–209

Respiratory and hemodynamic effects of methadone in pregnant women. Metcalfe J, et al. **Respir Physiol** 1980 Dec; 42(3):383–93

Oronasal distribution of respiratory airflow. Niinimaa V, et al.
Respir Physiol 1981 Jan;43(1):69–75

Design of the mammalian respiratory system. II Measuring maximum aerobic capacity. Seeherman HJ, et al.
Respir Physiol 1981 Apr;44(1):11–23

Design of the mammalian respiratory system. III Scaling maximum aerobic capacity to body mass: wild and domestic mammals. Taylor CR, et al. **Respir Physiol** 1981 Apr;44(1):25–37

Ventilatory and pressor response to isometric exercise in normal subjects. Bosisio E, et al. **Respiration** 1980;40(6):337–43

Hemodynamic characteristics in chronic obstructive lung disease as related to cardiac size. Hutsebaut J, et al. **Respiration** 1981; 41(1):25–32

Role of chemosensitivity during exercise in normal subjects and patients with pulmonary emphysema. Kawakami Y, et al.
Respiration 1981;41(1):1–7

Hyperpnea: the common stimulus for bronchospasm in asthma during exercise and voluntary isocapnic hyperpnea. Kivity S, et al. **Respiration** 1980;40(4):169–77

Energetics of muscular exercise. di Prampero PE.
Rev Physiol Biochem Pharmacol 1981;89:143–222 (270 ref.)

A field application of exercise testing in ischaemic heart disease. Smit PJ, et al. **S Afr Med J** 1981 Apr 11;59(16):561–2

Occupationally induced stress, strain and peak loads as related to age. Ilmarinen J, et al. **Scand J Work Environ Health** 1980 Dec; 6(4):274–82

Physiologic Intervention in Cardiovascular Nuclear Medicine. Wexler JP, et al. **Semin Nucl Med** 1981 Apr;11(2):68–79

Effects of duration at altitude and acetazolamide on ventilation and oxygenation during sleep. Sutton JR, et al. **Sleep** 1980; 3(3–4):455–64

Effects of antihypertensive drug therapy on responses to isometric exercise. McAllister RG Jr. **South Med J** 1981 Jun; 74(6):700–3

Medical care for the fitness revolution. Mann GV.
South Med J 1981 Mar;74(3):261–3

Protective effects of repeated short sprints in exercise-induced asthma. Schnall RP, et al. **Thorax** 1980 Nov;35(11):828–32

Plasma catecholamines during exercise-induced bronchoconstriction in bronchial asthma. Zieliński J, et al.
Thorax 1980 Nov;35(11):823–7

Creative movement and health. Boots S, et al. **Top Clin Nurs** 1981 Jul;3(2):23–31

Exercise before, during, and after pregnancy. George G, et al.
Top Clin Nurs 1981 Jul;3(2):33–9

Exercise and the maintenance of health. Halfman MA, et al.
Top Clin Nurs 1981 Jul;3(2):1–10

Running: immunization against the diseases of hypokinesis. Harvey MA, et al. **Top Clin Nurs** 1981 Jul;3(2):41–51

Fitness evaluation. Hojnacki LH. **Top Clin Nurs** 1981 Jul; 3(2):11–22

Management of obesity in retired and dependent personnel. Trantham GJ. **US Navy Med** 1980 Dec;71(12):18–22

Standardized ergometer exercise in trained rowers: effect on reversible platelet microaggregates and platelet aggregation. Silberbauer K, et al. **Vasa** 1981;10(1):4–8

A non-pharmacologic approach to the treatment of

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

exercise-induced bronchospasm. Schachter EN, et al. **Yale J Biol Med** 1980 Nov-Dec;53(6):485-96

Effect of acute exercise stress in cardiac hypertrophy: I. correlation of regional blood flow and qualitative ultrastructural changes. Singh S, et al. **Yale J Biol Med** 1980 Nov-Dec;53(6):459-70

[A comparison of hypertensive and dialyzed persons response to physical exercise (author's transl)] Lisý Z, et al. **Cas Lek Cesk** 1981 Feb 26;120(8):224-8 (Eng. Abstr.) **(Cze)**

[Treatment room air temperature and its effects on spiroergometric test results (author's transl)] Přibil M, et al. **Cas Lek Cesk** 1981 Feb 26;120(8):215-8 (Eng. Abstr.) **(Cze)**

[Short-term submaximum work and its effect on plasma noradrenaline levels (author's transl)] Stejskal P. **Cas Lek Cesk** 1981 Feb 26;120(8):218-23 (Eng. Abstr.) **(Cze)**

[Iontophoretic skin tests in atopic asthma at rest and after maximum work (author's transl)] Stejskal P, et al. **Cesk Dermatol** 1981 Apr; 56(2):69-77 (Eng. Abstr.) **(Cze)**

[Importance of the ergometric test in detecting latent hypertension (preliminary report)] Dvořák I, et al. **Vnitr Lek** 1981 May; 27(5):435-9 (Eng. Abstr.) **(Cze)**

[Gas exchange during physical exercise in disturbed ventilatory function] Feitová S, et al. **Vnitr Lek** 1981 May;27(5):440-8 (Eng. Abstr.) **(Cze)**

[The reactive hyperemia test; a simple method for testing peripheral arterial circulation during effort] Verhagen PF, et al. **Ned Tijdschr Geneeskd** 1981 Mar 21;125(12):466-9 (Eng. Abstr.) **(Dut)**

[Steady state ergometry: fact or fiction] Vogelaere P, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):61-7 (Eng. Abstr.) **(Fre)**

[Comparative study of four effort tests on nine-year-old children. The value of systolic tension time (author's transl)] Gratas A, et al. **Eur J Applied Physiol** 1981;46(1):55-68 (Eng. Abstr.) **(Fre)**

[Correlations between exercise tests and calculation of energy indices during a training program in the ambulatory period of a stabilized posterior myocardial infarct] Birkui PJ, et al. **G Ital Cardiol** 1980;10(10):1321-7 (Eng. Abstr.) **(Fre)**

[Coronary complications during sports practice: significance] Broustet JP, et al. **Rev Prat** 1981 May 1; 31(25):1837-42, 1845-6 (Eng. Abstr.) **(Fre)**

[Cardiovascular adaptation to exercise and training] Castaigne A, et al. **Rev Prat** 1981 May 1;31(25):1757-8, 1961-2, 1965-71 (Eng. Abstr.) **(Fre)**

[Sport activities of the elderly - results from a random survey (author's transl)] Schlettwein-Gsell D, et al. **Aktule Gerontol** 1981 May;11(3):87-90 (Eng. Abstr.) **(Ger)**

[Automatic indirect measurement of blood pressure in resting and exercising subjects: analysis of the Korotkov sound pattern; variable 'time gate' for artifact suppression (author's transl)] Bertram B, et al. **Biomed Tech (Berlin)** 1981 Apr;26(4):81-4 (Eng. Abstr.) **(Ger)**

[Effect of beta receptor blockaders on exercise induced extrasystoles] Rost R. **Med Klin** 1981 May 8;76(10):284-7 (Eng. Abstr.) **(Ger)**

[Exercise tolerance of persons with chronic obstructive airways disease (author's transl)] Szmidt M, et al. **Prax Klin Pneumol** 1981 May;35(5):225-9 (Eng. Abstr.) **(Ger)**

[Orthostatis stress from standing at work] Dupuis H, et al. **Soz Praeventivmed** 1980 Dec;25(6):375-80 (Eng. Abstr.) **(Ger)**

[Individual achievement capability and performance demand at work] Hettinger T. **Soz Praeventivmed** 1980 Dec; 25(6):397-400 (Eng. Abstr.) **(Ger)**

[Adaptive changes of carbohydrate metabolism in arterial occlusive diseases. II. Lateral isolated exertion of the lower leg] Maass U, et al. **Vasa** 1981;10(1):36-40 (Eng. Abstr.) **(Ger)**

[Influence of physical training on resting and exercise haemodynamics in patients after acute myocardial infarction (author's transl)] Fitscha P, et al. **Wien Klin Wochenschr** 1981 Jan 23;93(2):45-9 (Eng. Abstr.) **(Ger)**

[Contribution to the assessment of physical fitness in patients with pulmonary diseases on the basis of cardiopulmonary and ergometric parameters (author's transl)] Pielesch W, et al. **Z Erkr Atmungsorgane** 1981;156(1):85-93 (Eng. Abstr.) **(Ger)**

[Response of the heart rate and blood pressure to exertion - criterion for the differential therapy of hypertension] Behn P, et al. **Z Gesamte Inn Med** 1980 Dec 15;35(24):866-73 (Eng. Abstr.) **(Ger)**

[Value of thallium-201 myocardial imaging in the non-invasive assessment of aortocoronary bypass patency (author's transl)] Lösse B, et al. **Z Kardiol** 1981 Apr;70(4):231-7 (Eng. Abstr.) **(Ger)**

[Sports, physical activity and risk for coronary heart disease (author's transl)] Pfisterer M. **Z Kardiol** 1981 Feb; 70(2):104-10 (Eng. Abstr.) **(Ger)**

[Modifications of some cardiorespiratory parameters under a controlled work-load in a group of football players, winners of Italian championship football] Minelli R, et al. **Boll Soc Ital Biol Sper** 1980 Nov 15;56(21):2241-7 (Eng. Abstr.) **(Ita)**

[Variation in the cardiac dynamics in athletes induced by muscular work. Echocardiographic study. I. Morphological aspects] Cassone R, et al. **Boll Soc Ital Cardiol** 1978;23(5):917-22 (Eng. Abstr.) **(Ita)**

[Hypokinesia, the coagulation-fibrinolysis system and atherosclerosis] De Martino E, et al. **G Clin Med** 1980 Nov; 61(11):822-30 (Eng. Abstr.) **(Ita)**

[The effect of physical exercise on the glyco-lipid effect in normal and diabetic subjects] Ferlito S, et al. **G Clin Med** 1980 Oct; 61(10):728-39 (Eng. Abstr.) **(Ita)**

[The atrial vectorcardiogram at rest and during exercise. Comparison, by computerized analysis, of normal subjects and patients with mitral stenosis] Astorri E, et al. **G Ital Cardiol** 1980; 10(10):1308-20 (Eng. Abstr.) **(Ita)**

[An isometric exercise for the diagnosis of chronic obliterating arteriopathies of the lower extremities] Catalano M, et al. **G Ital Cardiol** 1980;10(10):1356-9 (Eng. Abstr.) **(Ita)**

[The diagnostic value of bloodless methods and follow-up in young asymptomatic subjects with positive exercise test (author's transl)] Radice M, et al. **G Ital Cardiol** 1979;9(10):1110-7 (Eng. Abstr.) **(Ita)**

[Non-reproducibility of some hemodynamic parameters during bicycle ergometric and isometric tests in patients with recent myocardial infarction (author's transl)] Tavazzi L, et al. **G Ital Cardiol** 1981;11(1):37-50 (Eng. Abstr.) **(Ita)**

[Hemodynamic study of the pulmonary circulation in workers with asbestosis with a varying degree of radiologic evidence of pneumoconiosis] Tomasini M, et al. **Med Lav** 1980 Nov-Dec; 71(6):513-21 (Eng. Abstr.) **(Ita)**

[Resynthesis of adenosine triphosphate and phosphocreatine in skeletal muscle during recovery from exercise (author's transl)] Granata AL, et al. **Riv Biol** 1980;73(3):433-5 (Eng. Abstr.) **(Ita)**

[Pulmonary fibrosis (author's transl)] Arita K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct; 18(10):696-704 (Eng. Abstr.) **(Jpn)**

[Exercise test in elderly subjects (author's transl)] Fukuchi Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):686-95 (Eng. Abstr.) **(Jpn)**

[Exercise testing in chronic pulmonary emphysema (author's transl)] Kawakami Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):705-10 (Eng. Abstr.) **(Jpn)**

[Exercise program for the rehabilitation of patients with chronic severe respiratory failure (author's transl)] Sasaki T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):711-8 (Eng. Abstr.) **(Jpn)**

[Ventilatory responses to exercise in the athlete and healthy subjects (author's transl)] Yoshida M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):675-85 (Eng. Abstr.) **(Jpn)**

[The clinical evaluation of teronac (Mazindol) in the treatment of children with obesity. Part I. Effect of the drug on somatic patterns and exercise capacity (author's transl)] Gołebiowska M, et al. **Przegl Lek** 1981;38(2):311-4 (Eng. Abstr.) **(Pol)**

[Electrocardiographic changes in professional athletes. III. Ventricular repolarization anomalies] Batlouni M. **Arq Bras Cardiol** 1980 Nov;35(5):387-95 (Eng. Abstr.) **(Por)**

[Ultrastructural bases of myocardial metabolic disorders under physical loads in alpine adaptation] Kononova VA. **Arkh Patol** 1981;43(2):66-71 (Eng. Abstr.) **(Rus)**

[Functional state of leukocytes in different diseases] Chedorova ZP, et al. **Fiziol Zh** 1981 Mar-Apr;27(2):188-92 (Eng. Abstr.) **(Rus)**

[Microcalorimetric and myographic analysis of the causes of changes in the ratio of heat loss to work accomplished during muscular activity] Prudnikov VM, et al. **Fiziol Zh SSSR** 1981 Feb;67(2):313-9 (Eng. Abstr.) **(Rus)**

[Role of the thyroid gland in skeletal muscle adaptation to increased motor activity] Seene TP, et al. **Fiziol Zh SSSR** 1981 Feb; 67(2):299-305 (Eng. Abstr.) **(Rus)**

[Urinary catecholamine excretion levels as affected by measured physical loads in hypertensive adolescents] Usol'tsev AN, et al. **Gig Sanit** 1981 Feb;(2):32-5 (Eng. Abstr.) **(Rus)**

[Changes in the basic central hemodynamic indices in healthy persons and hypertension patients under physical loading] Minovich AI, et al. **Kardiologiia** 1981 Mar;21(3):44-7 (Eng. Abstr.) **(Rus)**

[Effect of motor activity on aerobic performance of healthy subjects] Machinskii GV. **Kosm Biol Aviakosm Med** 1981 Jan-Feb;15(1):54-6 (Eng. Abstr.) **(Rus)**

[Study of the mass-inertia characteristics of human body segments by the gamma scanning method during 6 months of hypokinesia] Tishler VA, et al. **Kosm Biol Aviakosm Med** 1981 Jan-Feb; 15(1):36-42 (Eng. Abstr.) **(Rus)**

[Thyroid state and thyrotropic function of the pituitary gland in sportsmen during veloergometric exercise] Burkashov AB, et al. **Probl Endokrinol (Mosk)** 1981 Mar-Apr;27(2):21-6 (Eng. Abstr.) **(Rus)**

[The physical fitness of 18-year-old conscripts from the Prešov District] Križ M. **Cesk Zdrav** 1981 Mar;29(3):102-9 (Eng. Abstr.) **(Slo)**

[Influence of posture changes on oncotic pressure and RHE proteinaemia (author's transl)] Rodriguez M, et al. **Rev Esp Fisiol** 1981 Mar;37(1):71-4 (Eng. Abstr.) **(Spa)**

[Physical work capacity--sex differences] Astrand I, et al. **Lakartidningen** 1980 Dec 3;77(49):4653-[illegible] (Eng. Abstr.) **(Swe)**

EXTRASYSTOLE

[Incidence and significance of extrasystoles in exercise tests (author's transl)] Hula J, et al. **Cas Lek Cesk** 1981 Mar 19; 120(11):317-20 (Eng. Abstr.) **(Cze)**

[Effect of beta receptor blockaders on exercise induced extrasystoles] Rost R. **Med Klin** 1981 May 8;76(10):284-7 (Eng. Abstr.) **(Ger)**

EYE INJURIES

Eye trauma in sports: a preventable epidemic [editorial] Bell JA. **JAMA** 1981 Jul 10;246(2):156

Sports eye injuries a preventable disease. Vinger PF. **Ophthalmology (Rochester)** 1981 Feb;88(2):108-13

[Sports and eye injuries. Racket sports caused 40%] Petrelius A. **Lakartidningen** 1980 Dec 3;77(49):4648-52 (Eng. Abstr.) **(Swe)**

FACIAL INJURIES

Boxing. Hillman H. **Resuscitation** 1980 Dec;8(4):211-5

FASCIA

[The stresses in femur (author's transl)] Rohlmann A, et al. **Z Orthop** 1981 Apr;119(2):163-6 (Eng. Abstr.) **(Ger)**

FASCIA LATA

Bone-block iliotibial-band transfer for anterior cruciate insufficiency. Insall J, et al. **J Bone Joint Surg [Am]** 1981 Apr; 63(4):560-9

[The stresses in femur (author's transl)] Rohlmann A, et al. **Z Orthop** 1981 Apr;119(2):163-6 (Eng. Abstr.) **(Ger)**

FASCIITIS

Iliotibial tract friction syndrome in athletes. McNicol K, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):76-80

FATIGUE

Effects of fatigue on isometric force- and relaxation-time characteristics in human muscle. Viitasalo JT, et al. **Acta Physiol Scand** 1981 Jan;111(1):87-95

Isokinetic fatigue curves at different contractile velocities. Barnes WS. **Arch Phys Med Rehabil** 1981 Feb;62(2):66-9

Energy exchange in human skeletal muscle during isometric contraction. Edwards RH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I11-7 (43 ref.)

Response of arterial blood pressure to static exercise in relation to muscle mass, force development, and electromyographic activity. Mitchell JH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I70-5

The influence of fiber composition, recruitment order and muscle temperature on the pressor response to isometric contractions in skeletal muscle of the cat. Petrofsky JS, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I32-6

The forearm blood flow during intermittent hand-grip isometric exercise. Williams ÇA, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I110-7

The effect of abdominal muscle fatigue and training on the intra-abdominal pressure developed during lifting. Legg SJ. **Ergonomics** 1981 Mar;24(3):191-5

Muscle strength and fatigue after selective glycogen depletion in human skeletal muscle fibers. Jacobs I, et al. **Eur J Applied Physiol** 1981;46(1):47-53

Paradoxical influence of encouragement on muscle fatigue. Rube N, et al. **Eur J Applied Physiol** 1981;46(1):1-7

Glycolytic intermediates in human muscle after isometric contraction. Harris RC, et al. **Pfluegers Arch** 1981 Mar; 389(3):277-82

[Microcalorimetric and myographic analysis of the causes of changes in the ratio of heat loss to work accomplished during muscular activity] Prudnikov VM, et al. **Fiziol Zh SSSR** 1981 Feb;67(2):313-9 (Eng. Abstr.) **(Rus)**

FEMORAL FRACTURES

Stress fractures through the distal femoral epiphysis in athletes. A previously unreported entity. Godshall RW, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):114-6

Salter-Harris type-III fracture of the medial femoral condyle occurring in the adolescent athlete. Torg JS, et al. **J Bone Joint Surg [Am]** 1981 Apr;63(4):586-91

FEMORAL NECK FRACTURES

Jogging! a non-traumatic exercise? Zacharias CK, et al. **J Kans Med Soc** 1980 Dec;81(12):563-5

FEMUR

Effects of activity on bone growth and development in the rat. Steinberg ME, et al. **Clin Orthop** 1981 May;(156):52-60

Salter-Harris type-III fracture of the medial femoral condyle occurring in the adolescent athlete. Torg JS, et al. **J Bone Joint Surg [Am]** 1981 Apr;63(4):586-91

The effect of prolonged physical training on the properties of long bone: a study of Wolff's Law. Woo SL, et al. **J Bone Joint Surg [Am]** 1981 Jun;63-A(5):780-7

[Mechanical effects of femoral anteversion of the hip. Assessment of the validity of Pauwels' theory (author's transl)] Frain P. **Rev Chir Orthop** 1981;67(1):1-9 (Eng. Abstr.) **(Fre)**

[The stresses in femur (author's transl)] Rohlmann A, et al. **Z Orthop** 1981 Apr;119(2):163-6 (Eng. Abstr.) **(Ger)**

FIBRINOLYSIS

[Hypokinesia, the coagulation-fibrinolysis system and atherosclerosis] De Martino E, et al. **G Clin Med** 1980 Nov; 61(11):822-30 (Eng. Abstr.) **(Ita)**

FIBULA

[Electromyostimulation in the training and rehabilitation of traumatological and orthopedic patients] Tkachenko SS, et al. **Ortop Travmatol Protez** 1980 Dec;(12):17-20 (Eng. Abstr.) **(Rus)**

FINGER INJURIES

Skier's thumb. Surgical treatment of recent injuries to the ulnar collateral ligament of the thumb's metacarpophalangeal joint. Gerber C, et al. **Am J Sports Med** 1981 May-Jun;9(3):171-7

FOOTBALL

The measured effect of taping on combined foot and ankle motion before and after exercise. Fumich RM, et al. **Am J Sports Med** 1981 May-Jun;9(3):165-70

Indirect assessment of cardiovascular 'demands' using telemetry on professional football players. Gleim GW, et al. **Am J Sports Med** 1981 May-Jun;9(3):178-83

The extent of injuries in VFL footballers. Sali A, et al. **Aust Fam Physician** 1981 Mar;10(3):169-70, 172

Blunt chest trauma causing myocardial infarction--an unusual football injury. O'Neill S, et al. **Ir Med J** 1981 May; 74(5):138

Salter-Harris type-III fracture of the medial femoral condyle occurring in the adolescent athlete. Torg JS, et al. **J Bone Joint Surg [Am]** 1981 Apr;63(4):586-91

Aseptic meningitis in a high school football team - Ohio. **MMWR** 1981 Jan 9;29(52):631-7

FORCED EXPIRATORY FLOW RATES

Pulmonary function and exercise gas exchange in survivors of adult respiratory distress syndrome. Elliott CG, et al. **Am Rev Respir Dis** 1981 May;123(5):492-5

The effects of oral doses of theophylline and fenoterol on exercise-induced asthma. Eggleston PA, et al. **Chest** 1981 Apr; 79(4):399-405

FORCED EXPIRATORY VOLUME

The effects of inspiratory muscle training on exercise performance in chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):426-33

The protective effect and duration of action of metaproterenol aerosol on exercise-induced asthma. Schoeffel RE, et al. **Ann Allergy** 1981 May;46(5):273-5

Some anthropometric and functional dimensions of the pygmy (Kivu Twa). Ghesquiere JL, et al. **Ann Hum Biol** 1981 Mar-Apr; 8(2):119-34

Do exercise- and antigen-induced asthma utilize the same pathways? Antigen provocation in patients rendered refractory to exercise-induced asthma. Weiler-Ravell D, et al. **J Allergy Clin Immunol** 1981 May;67(5):391-7

Exercise performance in chronic obstructive pulmonary diseases. Brown HV, et al. **Med Clin North Am** 1981 May; 65(3):525-47 (97 ref.)

FRACTURES

Acromioclavicular lesions in children. Eidman DK, et al.

PHYSICAL FITNESS/SPORTS MEDICINE

FRACTURES

Am J Sports Med 1981 May-Jun;9(3):150-4

Skateboarding fractures. Hawkins RW, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):99-102

Acute dislocation of the patella resulting in a comminuted patella fracture. A case report. McCarroll JR. **Am J Sports Med** 1981 Mar-Apr;9(2):117-8

The use of physiological techniques for monitoring of progress during rehabilitation following fractures of the lower limb. Imms FJ. **Int Rehabil Med** 1980;2(4):151-8 (33 ref.)

Hemodialysis encephalopathy with osteomalacic fractures and muscle weakness. Pierides AM, et al. **Kidney Int** 1980 Jul; 18(1):115-24

Boxing. Hillman H. **Resuscitation** 1980 Dec;8(4):211-5

[Lower leg fracture—still the most frequent fracture during skiing? (author's transl)] Lindenmaier HL, et al. **Aktuel Traumatol** 1981 Apr;11(2):52-5 (Eng. Abstr.) **(Ger)**

[Stress fractures of the patella] Kavan Z, et al. **Beitr Orthop Traumatol** 1981 Mar;28(3):144-7 (Eng. Abstr.) **(Ger)**

[Roller skaters—more frequently encountered in ambulances. 1st analysis of injuries caused by this fashionable sport] Pfaff G, et al. **Chirurg** 1981 Mar;52(3):178-81 (Eng. Abstr.) **(Ger)**

[Skiing accidents in children (author's transl)] Schwarzenbach M, et al. **MMW** 1981 Mar 13;123(11):429-33 (Eng. Abstr.) **(Ger)**

[Spine injuries due to horse riding. Part 1 (author's transl)] Steinbrück K. **Unfallheilkunde** 1980 Jul;83(7):366-72 (Eng. Abstr.) **(Ger)**

FRACTURES, CLOSED

[Stress fractures of the patella] Kavan Z, et al. **Beitr Orthop Traumatol** 1981 Mar;28(3):144-7 (Eng. Abstr.) **(Ger)**

FUNCTIONAL RESIDUAL CAPACITY

The effects of inspiratory muscle training on exercise performance in chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):426-33

Determination of the functional residual capacity during exercise. Kiers A, et al. **Ergonomics** 1980 Oct;23(10):955-9

GOLF

[Scintigraphic diagnosis of sport injuries: multiple fractures of ribs by golf-players (author's transl)] Pohle W, et al. **ROEFO** 1981 Feb;134(2):196-8 (Eng. Abstr.) **(Ger)**

GYMNASTICS

Flexibility and musculoskeletal symptomatology in female gymnasts and age-matched controls. Kirby RL, et al. **Am J Sports Med** 1981 May-Jun;9(3):160-4

Effects of an outdoor exercise program on cardiovascular and metabolic data in patients with coronary heart disease (CHD). Berg A, et al. **Int J Rehabil Res** 1981;4(1):64-6

A model for gymnastics vaulting. Dainis A. **Med Sci Sports Exerc** 1981;13(1):34-43

[Effects of sport on spinal column and pelvis in development. Radiological analysis (author's transl)] Ghislanzoni R, et al. **Radiol Med (Torino)** 1980 Dec;66(12):915-22 (Eng. Abstr.) **(Ita)**

[Rare type of epiphyseolysis (author's transl)] Horský I, et al. **Acta Chir Orthop Traumatol Cech** 1981 Feb;48(1):88-90 (Eng. Abstr.) **(Slo)**

HALOPERIDOL

Role of the neostriatal dopaminergic activity in sequencing and selecting behavioural strategies: facilitation of processes involved in selecting the best strategy in a stressful situation. Cools AR. **Behav Brain Res** 1980 Oct;1(5):361-78

HAND INJURIES

Baseball injuries to the hand. Dawson WJ, et al. **Ann Emerg Med** 1981 Jun;10(6):302-6

The etiology of downhill ski injuries. Eriksson E, et al. **Exerc Sport Sci Rev** 1980;8:1-17 (69 ref.)

HANDICAPPED

Physical education teachers' initial perceptions of handicapped children. Aloia GF, et al. **Ment Retard** 1980 Apr;18(2):85-7

Physical education for previously unserved severely handicapped children. Broadhead GD. **Rehabil Lit** 1981 Mar-Apr; 42(3-4):86-9

HEAD INJURIES

Waterslide injuries. Malpass CA Jr, et al. **Ann Emerg Med** 1981 Jul;10(7):360-3

The extent of injuries in VFL footballers. Sali A, et al. **Aust Fam Physician** 1981 Mar;10(3):169-70, 172

Bioengineering analysis of head and spine injuries. Sances A Jr, et al. **CRC Crit Rev Bioeng** 1981;5(2):79-122 (340 ref.)

Survey of rugby injuries. Dineen PF, et al. **Ir Med J** 1981 May; 74(5):137

Boxing. Hillman H. **Resuscitation** 1980 Dec;8(4):211-5

[Posturography and expert appraisal of cranio-cervical post-injury syndromes in sportsmen] Engel JC, et al. **Agressologie** 1981; 22(A):41-50 (Eng. Abstr.) **(Fre)**

HEADACHE

Acute myocardial infarction induced by ergotamine tartrate: possible role of coronary arterial spasm. Yasue H, et al. **Angiology** 1981 Jun;32(6):414-8

HEART

Stress thallium-201 myocardial scintigraphy and exercise technetium ventriculography in the detection and location of chronic coronary artery disease: comparison of sensitivity and specificity of these noninvasive tests alone and in combination. Elkayam U, et al. **Am Heart J** 1981 May;101(5):657-66

Contrast enhancement of thallium-201 myocardial scintigrams: improved sensitivity with diminished specificity in coronary disease detection. Massie B, et al. **Am Heart J** 1981 July; 102(1):37-44

Septal myocardial perfusion imaging with thallium-201 in the diagnosis of proximal left anterior descending coronary artery disease. Pichard AD, et al. **Am Heart J** 1981 July; 102(1):30-6

Progress in computer analysis of the exercise electrocardiogram. Bhargava V, et al. **Am J Cardiol** 1981 May;47(5):1143-51

Predicting the extent and location of coronary artery disease during the early postinfarction period by quantitative thallium-201 scintigraphy. Gibson RS, et al. **Am J Cardiol** 1981 May; 47(5):1010-9

Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure. Chatterjee K, et al. **Am J Med** 1981 Jul;71(1):140-6

I. Maternal cardiovascular and metabolic responses in normal pregnancy. Artal R, et al. **Am J Obstet Gynecol** 1981 May 15; 140(2):123-7

Applicability and interpretation of electrocardiographic stress testing in patients with peripheral vascular disease. Cutler BS, et al. **Am J Surg** 1981 Apr;141(4):501-6

Vanadate and phosphate ions reduce tension and increase cross-bridge kinetics in chemically skinned heart muscle. Herzig JW, et al. **Biochim Biophys Acta** 1981 Jan 21;672(2):191-6

Continuous vs. interval training: a review for the athlete and the coach. MacDougall D, et al. **Can J Appl Sport Sci** 1981 Jun; 6(2):93-7 (34 ref.)

Transient depolarisation and action potential alterations following mechanical changes in isolated myocardium. Lab MJ. **Cardiovasc Res** 1980 Dec;14(11):624-37

Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Haskell WL, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I156-61

Effect of static and dynamic exercise on heart volume, contractility, and left ventricular dimensions. Keul J, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I162-70

Static (isometric) exercise. Retrospection and introspection. Shepherd JT, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I179-88 (96 ref.)

Passive stiffness of pressure-induced hypertrophied cat myocardium. Williams JF Jr, et al. **Circ Res** 1981 Jul; 49(1):211-5

Exercise-induced ST-segment elevation in leads V1 or aVL. A predictor of anterior myocardial ischemia and left anterior descending coronary artery disease. Dunn RF, et al. **Circulation** 1981 Jun;63(6):1357-63

Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Selwyn AP, et al. **Circulation** 1981 Jul;64(1):83-90

Effects of an outdoor exercise program on cardiovascular and metabolic data in patients with coronary heart disease (CHD). Berg A, et al. **Int J Rehabil Res** 1981;4(1):64-6

Effects of exercise on the biochemical aging of mammalian myocardium. I. Actomyosin ATPase. Rockstein M, et al. **J Gerontol** 1981 May;36(3):294-7

Effects of exercise on kinetics and distribution of K-43 and Tl-201 in isolated myocardium: concise communication. Llaurado JG, et al. **J Nucl Med** 1981 May;22(5):441-6

Capillary increase in the skeletal muscle of trained young and adult rats. Adolfsson J, et al. **J Physiol (Lond)** 1981 Jan;310:529-32

Effects of training on echocardiographic dimensions and systolic time intervals in women swimmers. Lamont LS. **J Sports Med Phys Fitness** 1980 Dec;20(4):397-404

The influence of endurance training on left ventricular function. Pust B, et al. **J Sports Med Phys Fitness** 1980 Dec; 20(4):359-64

Myocardial perfusion assessed with thallium-201 and left heart volume measured by radiocardiogram at rest and during exercise in patients with coronary artery disease. Kadota K, et al. **Jpn Circ J** 1981 Feb;45(2):163-70

Exercise testing for assessing the effectiveness of digitalis therapy in compensated heart diseases. Cristodorescu R, et al. **Med Interne** 1981 Jan-Mar;19(1):33-42

The effects of the bradycardia-producing compound alinidine on action potentials and tension development in cardiac fibres. Tritthart HA, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Apr;316(2):172-7

Peripheral markers of thyroid status unaffected by endurance training in rats. Winder WW, et al. **Pfluegers Arch** 1981 Mar; 389(3):195-8

Reverse redistribution: worsening of thallium-201 myocardial images from exercise to redistribution. Hecht HS, et al. **Radiology** 1981 Jul;140(1):177-81

Hyperpnea: the common stimulus for bronchospasm in asthma during exercise and voluntary isocapnic hyperpnea. Kivity S, et al. **Respiration** 1980;40(4):169-77

Physiologic Intervention in Cardiovascular Nuclear Medicine. Wexler JP, et al. **Semin Nucl Med** 1981 Apr;11(2):68-79

Venous gas bubble production following cold stress during a no-decompression dive. Dunford R, et al. **Undersea Biomed Res** 1981 Mar;8(1):41-9

Effect of acute exercise stress in cardiac hypertrophy: I. correlation of regional blood flow and qualitative ultrastructural changes. Singh S, et al. **Yale J Biol Med** 1980 Nov-Dec;53(6):459-70

[Angiographic frame-by-frame computerized evaluation of overall and regional left ventricular wall motion (author's transl)] Azancot I, et al. **J Physiol (Paris)** 1980;76(7):731-9 (Eng. Abstr.) **(Fre)**

[The heart of athletes in intensive competition] Cousteau JP. **Rev Prat** 1981 May 1;31(25):1811-2, 1815-6, 1819-20 (Eng. Abstr.) **(Fre)**

[Variation in the cardiac dynamics in athletes induced by muscular work. Echocardiographic study. I. Morphological aspects] Cassone R, et al. **Boll Soc Ital Cardiol** 1978;23(5):917-22 (Eng. Abstr.) **(Ita)**

[The diagnostic value of bloodless methods and follow-up in young asymptomatic subjects with positive exercise test (author's transl)] Radice M, et al. **G Ital Cardiol** 1979;9(10):1110-7 (Eng. Abstr.) **(Ita)**

[Energy exchange in mitochondria and contractility of bundles of glycerinated myocardial fibers in traumatic shock] Dumbadze GG, et al. **Biokhimiia** 1980 Jul;45(7):1222-5 (Eng. Abstr.) **(Rus)**

[Pharmacodynamics of trinitrolong and sustac studied with the exercise test] Gritsiuk AI, et al. **Ter Arkh** 1981;53(1):49-53 (Eng. Abstr.) **(Rus)**

HEART ANEURYSM

[Characteristics of oxygen provision of physical exertion in rehabilitation after myocardial infarct complicated by heart aneurysm] Il'iash MG, et al. **Ter Arkh** 1980;52(12):28-31 (Eng. Abstr.) **(Rus)**

HEART ARREST

Medical aspects of competitive distance running: guidelines for community physicians. Williams RS, et al. **Postgrad Med** 1981 Jul;70(1):41-4, 47-8, 51

HEART ATRIUM

Contractile dysfunction of atrial myocardium from endotoxin-shocked guinea pigs. Parker JL, et al. **Am J Physiol** 1981 Jun;240(6):H954-62

[The atrial vectorcardiogram at rest and during exercise. Comparison, by computerized analysis, of normal subjects and patients with mitral stenosis] Astorri E, et al. **G Ital Cardiol** 1980; 10(10):1308-20 (Eng. Abstr.) **(Ita)**

HEART AUSCULTATION

Exercise and the amplitude of first heart sound in ischemic heart disease and normal subjects. Gupta RC, et al. **Indian Heart J** 1980 Nov-Dec;32(6):349-54

[Automatic indirect measurement of blood pressure in resting and exercising subjects: analysis of the Korotkov sound pattern; variable 'time gate' for artifact suppression (author's transl)] Bertram B, et al. **Biomed Tech (Berlin)** 1981 Apr;26(4):81-4 (Eng. Abstr.) **(Ger)**

HEART CATHETERIZATION

Myocardial infarction with normal coronary arteries: a prospective clinical-angiographic study. Betriu A, et al. **Am J Cardiol** 1981 Jul;48(1):28-32

The predictive value of a strongly positive stress test in patients with minimal symptoms. Blumenthal DS, et al. **Am J Med** 1981 May;70(5):1005-10

Coronary angiography post first myocardial infarction in the asymptomatic or mildly symptomatic patient: clinical, angiographic, and prospective observations. Mautner RK, et al. **Cathet Cardiovasc Diagn** 1981;7(1):1-11

Assessment of left ventricular function in aortic valve disease by isometric exercise. Krayenbuehl HP, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):1149-55

Exercise blood pressure response--a predictor of severity of aortic stenosis in children. Alpert BS, et al. **J Pediatr** 1981 May; 98(5):763-5

Reverse redistribution: worsening of thallium-201 myocardial images from exercise to redistribution. Hecht HS, et al. **Radiology** 1981 Jul;140(1):177-81

Preliminary clinical and hemodynamic results after mitral valve replacement using St. Jude Medical prostheses in comparison with the Björk-Shiley valve. Horstkotte D, et al. **Thorac Cardiovasc Surg** 1981 Apr;29(2):93-9

HEART CONDUCTION SYSTEM

Modulation of atrioventricular conduction by isometric exercise in human subjects. Ferrari A, et al. **Circ Res** 1981 Jul; 49(1):265-71

'High-risk' bundle branch block. Rahimtoola SH, et al. **Hosp Pract** 1981 Jan;16(1):73-80, 85-7, 91-2

The effects of the bradycardia-producing compound alinidine on action potentials and tension development in cardiac fibres. Tritthart HA, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Apr;316(2):172-7

HEART DISEASES

Measurement of central hemodynamic parameters during preoperative exercise testing in patients suspected of arteriosclerotic heart disease. Value in predicting postoperative cardiac complications. Bille-Brahe NE, et al. **Acta Chir Scand [Suppl]** 1980;502:38-45

Approximate normal standards of maximal cardiac output during upright exercise in women. Hossack KF, et al. **Am J Cardiol** 1981 May;47(5):1080-6

Ergometric and hemodynamic studies on a new cardiotonic agent AR-L 115 BS. Pozenel H. **Arzneimittelforsch** 1981; 31(1a):263-6

Exercise testing in normal individuals and patients with cardiovascular disease. James FW. **Cardiovasc Clin** 1981; 11(2):227-46 (26 ref.)

Rx exercise: effects and side effects. Leach RE. **Hosp Pract** 1981 Jan;16(1):72A-72C, 72G passim

Computerized quantitation of regional myocardial perfusion in man. Llaurado JG, et al. **Int J Biomed Comput** 1980 Nov; 11(6):501-10

Exercise testing for assessing the effectiveness of digitalis therapy in compensated heart diseases. Cristodorescu R, et al. **Med Interne** 1981 Jan-Mar;19(1):33-42

Exercise-tolerance testing in children. Klein AA. **Pediatr Ann** 1981 Mar;10(3):106-12

[Incidence and significance of extrasystoles in exercise tests (author's transl)] Hula J, et al. **Cas Lek Cesk** 1981 Mar 19; 120(11):317-20 (Eng. Abstr.) **(Cze)**

[Cardiovascular fitness sports in children] Pernot C. **Rev Prat** 1981 May 1;31(25):1785-8, 1793 (Eng. Abstr.) **(Fre)**

HEART ENLARGEMENT

The adaptive changes in the isoenzyme pattern of myosin from hypertrophied rat myocardium as a result of pressure overload and physical training. Rupp H. **Basic Res Cardiol** 1981 Jan-Feb; 76(1):79-88

Passive stiffness of pressure-induced hypertrophied cat myocardium. Williams JF Jr, et al. **Circ Res** 1981 Jul; 49(1):211-5

Abnormal coronary vascular response to exercise in dogs with severe right ventricular hypertrophy. Murray PA, et al. **J Clin Invest** 1981 May;67(5):1314-23

Handgrip-induced negative U-wave in electrocardiogram of hypertensive subjects. Fu LT, et al. **Jpn Heart J** 1981 Jan; 22(1):59-73

Effect of acute exercise stress in cardiac hypertrophy: I. correlation of regional blood flow and qualitative ultrastructural changes. Singh S, et al. **Yale J Biol Med** 1980 Nov-Dec;53(6):459-70

[The vectorcardiogram pattern of the athlete's heart (author's transl)] Cuomo S, et al. **G Ital Cardiol** 1981;11(1):32-6 (Eng.

Abstr.) (Ita)

HEART FAILURE, CONGESTIVE

Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure. Chatterjee K, et al. **Am J Med** 1981 Jul;71(1):140-6

Study of the acute effect of AR-L 115 BS, a new positive-inotropic agent in patients with exercise-induced heart failure. Drexler H, et al. **Arzneimittelforsch** 1981;31(1a):259-62

Vasodilator treatment with isosorbide dinitrate and hydralazine in chronic heart failure. Massie BM, et al. **Br Heart J** 1981 Apr;45(4):376-84

Exercise testing for assessing the effectiveness of digitalis therapy in compensated heart diseases. Cristodorescu R, et al. **Med Interne** 1981 Jan-Mar;19(1):33-42

HEART FUNCTION TESTS

Contrast enhancement of thallium-201 myocardial scintigrams: improved sensitivity with diminished specificity in coronary disease detection. Massie B, et al. **Am Heart J** 1981 July;102(1):37-44

Present views on the Canadian Home Fitness Test. Shephard RJ. **Can Med Assoc J** 1981 Apr 1;124(7):875-9

Analysis of multiple noninvasive test procedures for the diagnosis of coronary artery disease. Charuzi Y, et al. **Clin Cardiol** 1981 Mar;4(2):67-74

'High-risk' bundle branch block. Rahimtoola SH, et al. **Hosp Pract** 1981 Jan;16(1):73-80, 85-7, 91-2

Is exercise testing worth it? [letter] Boiko P. **Pediatrics** 1981 Mar;67(3):441

A field application of exercise testing in ischaemic heart disease. Smit PJ, et al. **S Afr Med J** 1981 Apr 11;59(16):561-2

Fitness evaluation. Hojnacki LH. **Top Clin Nurs** 1981 Jul;3(2):11-22

[Comparative study of four effort tests on nine-year-old children. The value of systolic tension time (author's transl)] Gratas A, et al. **Eur J Applied Physiol** 1981;46(1):55-68 (Eng. Abstr.) (Fre)

[Hemodynamic study of the pulmonary circulation in workers with asbestosis with a varying degree of radiologic evidence of pneumoconiosis] Tomasini M, et al. **Med Lav** 1980 Nov-Dec;71(6):513-21 (Eng. Abstr.) (Ita)

[Electrocardiographic changes in professional athletes. III. Ventricular repolarization anomalies] Batlouni M. **Arq Bras Cardiol** 1980 Nov;35(5):387-95 (Eng. Abstr.) (Por)

[Changes in the basic central hemodynamic indices in healthy persons and hypertension patients under physical loading] Minovich AI, et al. **Kardiologiia** 1981 Mar;21(3):44-7 (Eng. Abstr.) (Rus)

HEART RATE

Delay of onset of second degree pacemaker block by beta-blockade in patients with P-synchronous pacemakers. Storstein L. **Acta Med Scand** 1981;209(5):363-7

Quantitative evaluation of chest pain. Borg G, et al. **Acta Med Scand [Suppl]** 1981;644:43-5

Hemodynamic and metabolic long-term effects of tienilic acid in essential hypertension. Lund-Johansen P. **Acta Med Scand [Suppl]** 1981;646:106-14

Relation between ST-depression and chest pain in patients with coronary heart disease receiving no treatment and after beta-blockade and combined alpha-beta-blockade. Nyberg G, et al. **Acta Med Scand [Suppl]** 1981;644:30-3

The cardiovascular effects of ethanol and acetaldehyde in exercising dogs. Stratton R, et al. **Alcoholism (NY)** 1981 Jan;5(1):56-63

Exercise training in coronary heart disease: is there a cardiac effect? Amsterdam EA, et al. **Am Heart J** 1981 Jun;101(6):870-3

Effects of exercise training on left ventricular mass in patients with ischemic heart disease. Ditchey RV, et al. **Am Heart J** 1981 Jun;101(6):701-6

Effects of diltiazem-induced calcium blockade upon exercise capacity in effort angina due to chronic coronary artery disease. Low RI, et al. **Am Heart J** 1981 Jun;101(6):713-8

Reduction of exercise-induced ischemic regional myocardial dysfunction by verapamil in conscious dogs. Osakada G, et al. **Am Heart J** 1981 Jun;101(6):707-12

Effect of task variables and their interactions in lifting and lowering loads. Mital A, et al. **Am Ind Hyg Assoc J** 1981 Feb;42(2):134-42

Heat acclimatization, its decay and reinduction in young Caucasian females. Stephens RL, et al. **Am Ind Hyg Assoc J** 1981 Jan;42(1):12-7

Shortened platelet survival time and enhanced heart rate responses after abrupt withdrawal of propranolol from normal subjects. Goldstein RE, et al. **Am J Cardiol** 1981 May;47(5):1115-22

Comparison of the results and reproducibility of arm and leg exercise tests in men with angina pectoris. Lazarus B, et al. **Am J Cardiol** 1981 May;47(5):1075-9

Computer quantitation of Q-T and terminal T wave (aT-eT) intervals during exercise: methodology and results in normal men. O'Donnell J, et al. **Am J Cardiol** 1981 May;47(5):1168-72

Slow release oxprenolol in angina pectoris: study comparing oxprenolol, once daily, with propranolol, four times daily. Olowoyeye JO, et al. **Am J Cardiol** 1981 May;47(5):1123-7

Noninvasive assessment of left ventricular performance in patients with ischemic heart disease: ear densitographic study during uninterrupted treadmill exercise. Sugiura T, et al. **Am J Cardiol** 1981 Jul;48(1):101-5

Effect of a meal on the oxygen consumption-heart rate relationship [letter] Schutz Y, et al. **Am J Clin Nutr** 1981 May;34(5):965-6

I. Maternal cardiovascular and metabolic responses in normal pregnancy. Artal R, et al. **Am J Obstet Gynecol** 1981 May 15;140(2):123-7

Changes in intraocular pressure during acute exercise. Krejci RC, et al. **Am J Optom Physiol Opt** 1981 Feb;58(2):144-8

A new method for long-term monitoring of the ballistocardiogram, heart rate, and respiration. Alihanka J, et al. **Am J Physiol** 1981 May;240(5):R384-92

Glucoregulatory and metabolic response to exercise in obese noninsulin-dependent diabetes. Minuk HL, et al. **Am J Physiol** 1981 May;240(5):E458-64

Indirect assessment of cardiovascular 'demands' using telemetry on professional football players. Gleim GW, et al. **Am J Sports Med** 1981 May-Jun;9(3):178-83

Energy cost of ambulation with crutches. Fisher SV, et al. **Arch Phys Med Rehabil** 1981 Jun;62(6):250-6

Exercise training in post-myocardial infarction patients: comparison of results with high risk coronary and post-bypass patients. Hartung GH, et al. **Arch Phys Med Rehabil** 1981 Apr;62(4):147-50

Exercise effects on fitness, lipids, glucose tolerance and insulin levels in young adults. Israel RG, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):336-41

Exercise training using arms and legs versus legs along. Mostardi RA, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):332-5

Cardiovascular stress of crutch walking. Patterson R, et al. **Arch Phys Med Rehabil** 1981 Jun;62(6):257-60

The regularity and interrelation of respiratory and cardiac rhythms at rest and during exercise. Duffin J, et al. **Can J Physiol Pharmacol** 1981 Jan;59(1):84-7

Present views on the Canadian Home Fitness Test. Shephard RJ. **Can Med Assoc J** 1981 Apr 1;124(7):875-9

Effects of breathing retraining in patients with chronic obstructive pulmonary disease. Casciari RJ, et al. **Chest** 1981 Apr;79(4):393-8

Atropine and exercise-induced bronchoconstriction. Chen WY, et al. **Chest** 1981 Jun;79(6):651-6

Similarities and dissimilarities between static and dynamic exercise. Asmussen E. **Circ Res** 1981 Jun;48(6 Pt 2):I3-10 (18 ref.)

Similarity of the hemodynamic responses to static and dynamic exercise of small muscle groups. Blomqvist CG, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I87-92

Cardiovascular response to static exercise in the conscious cat. Gonyea WJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I63-9

Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Haskell WL, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I156-61

Cardiovascular response to combined dynamic and static exercise. Kilbom A, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I93-7

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I138-48

Cardiovascular responses to muscle ischemia in humans. Rowell LB, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I37-47

Different behavior of the resistance vessels of the human calf and forearm during contralateral isometric exercise, mental stress, and abnormal respiratory movements. Rusch NJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I118-30

Static (isometric) exercise. Retrospection and introspection. Shepherd JT, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I179-88 (96 ref.)

Left ventricular diastolic performance at rest and during exercise in patients with coronary artery disease. Assessment with first-pass radionuclide angiography. Reduto LA, et al. **Circulation** 1981 Jun;63(6):1228-37

Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Selwyn AP, et al. **Circulation** 1981 Jul;64(1):83-90

Influence of heart rate on systolic time intervals: effects of atrial pacing versus dynamic exercise. Mertens HM, et al. **Clin Cardiol** 1981 Jan;4(1):22-7

Role of sensory nerves in the cardiovascular and respiratory changes with isometric forearm exercise in man. Duncan O, et al. **Clin Sci** 1981 Feb;60(2):145-55

The sympathetic nervous system and the renin-angiotensin system in borderline hypertension. Henquet JW, et al. **Clin Sci** 1981 Jan; 60(1):25–31

Cardiovascular and autonomic reflexes in haemodialysis patients. Naik RB, et al. **Clin Sci** 1981 Feb;60(2):165–70

Influence of sympatholytic drugs on the cardiovascular response to isometric exercise. Watt SJ, et al. **Clin Sci** 1981 Feb; 60(2):139–43

Prevalence of diabetic autonomic neuropathy measured by simple bedside tests. Dyrberg T, et al. **Diabetologia** 1981 Mar; 20(3):190–4

Assessment of physical fitness of sedentary and physically active male college students by a modified Harvard step test. Bandyopadhyay B, et al. **Ergonomics** 1981 Jan;24(1):15–20

The relation between performance in throwing task and work-induced activation. Evans AD, et al. **Ergonomics** 1980 Dec; 23(12):1147–9

The effect of handgrip span on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1980 Dec;23(12):1129–35

Physical fitness and mental performance during and after work. Sjöberg H. **Ergonomics** 1980 Oct;23(10):977–85

Increased plasma HDL-cholesterol and apo A-1 in sedentary middle-aged men after physical conditioning. Kiens B, et al. **Eur J Clin Invest** 1980 Jun;10(3):203–9

Physical working capacity and aerobic work capacity of normal Indian adults. Gupta GD, et al. **Indian J Chest Dis Allied Sci** 1980 Jan–Mar;22(1):16–30

Abnormal coronary vascular response to exercise in dogs with severe right ventricular hypertrophy. Murray PA, et al. **J Clin Invest** 1981 May;67(5):1314–23

The bearing-down efforts and their effects on fetal heart rate, oxygenation and acid base balance. Caldeyro-Barcia R, et al. **J Perinat Med** 1981;9 Suppl 1:63–7

Handgrip-induced negative U-wave in electrocardiogram of hypertensive subjects. Fu LT, et al. **Jpn Heart J** 1981 Jan; 22(1):59–73

Physical activity patterns determined by heart rate monitoring in 6–7 year-old children. Gilliam TB, et al. **Med Sci Sports Exerc** 1981;13(1):65–7

Time course of the adaptive responses of aerobic power and heart rate to training. Hickson RC, et al. **Med Sci Sports Exerc** 1981; 13(1):17–20

Carotid palpation, coronary heart disease and exercise rehabilitation. Oldridge NB, et al. **Med Sci Sports Exerc** 1981; 13(1):6–8

Pre-discharge exercise testing involving weight carrying after myocardial infarction. Logan R, et al. **NZ Med J** 1981 Feb 11; 93(677):69–71

Exercise-tolerance testing in children. Klein AA. **Pediatr Ann** 1981 Mar;10(3):106–12

Haemodynamic and metabolic responses to physical training in chronic renal failure. Röseler E, et al. **Proc Eur Dial Transplant Assoc** 1980;17:702–6

Heart rate and rope skipping intensity. Myles WS, et al. **Res Q Exerc Sport** 1981 Mar;52(1):76–9

Ventilatory and pressor response to isometric exercise in normal subjects. Bosisio E, et al. **Respiration** 1980;40(6):337–43

Hyperpnea: the common stimulus for bronchospasm in asthma during exercise and voluntary isocapnic hyperpnea. Kivity S, et al. **Respiration** 1980;40(4):169–77

Occupationally induced stress, strain and peak loads as related to age. Ilmarinen J, et al. **Scand J Work Environ Health** 1980 Dec; 6(4):274–82

Effects of antihypertensive drug therapy on responses to isometric exercise. McAllister RG Jr. **South Med J** 1981 Jun; 74(6):700–3

A non-pharmacologic approach to the treatment of exercise-induced bronchospasm. Schachter EN, et al. **Yale J Biol Med** 1980 Nov–Dec;53(6):485–96

[Importance of the ergometric test in detecting latent hypertension (preliminary report)] Dvořák I, et al. **Vnitr Lek** 1981 May; 27(5):435–9 (Eng. Abstr.) **(Cze)**

[Steady state ergometry: fact or fiction] Vogelaere P, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):61–7 (Eng. Abstr.) **(Fre)**

[Intercorrelations and variabilities of heart rate at the rest and during exercise in the evaluation of physical fitness] Vogelaere P, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):57–60 (Eng. Abstr.) **(Fre)**

[Correlations between exercise tests and calculation of energy indices during a training program in the ambulatory period of a stabilized posterior myocardial infarct] Birkui PJ, et al. **G Ital Cardiol** 1980;10(10):1321–7 (Eng. Abstr.) **(Fre)**

[The behavior of the physical performance capacity and the trainability of the cardio-pulmonary system in elder persons (author's transl)] Hollmann W, et al. **Aktule Gerontol** 1981 May; 11(3):91–5 (Eng. Abstr.) **(Ger)**

[Automatic indirect measurement of blood pressure in resting and exercising subjects: analysis of the Korotkov sound pattern; variable 'time gate' for artifact suppression (author's transl)] Bertram B, et al. **Biomed Tech (Berlin)** 1981 Apr;26(4):81–4 (Eng. Abstr.) **(Ger)**

[Circadian variation of ischaemic ST lowering in exercise ECG (author's transl)] Strasser R, et al. **Dtsch Med Wochenschr** 1981 Apr 3;106(14):424–7 (Eng. Abstr.) **(Ger)**

[Influence of physical training on resting and exercise haemodynamics in patients after acute myocardial infarction (author's transl)] Fitscha P, et al. **Wien Klin Wochenschr** 1981 Jan 23;93(2):45–9 (Eng. Abstr.) **(Ger)**

[Response of the heart rate and blood pressure to exertion – criterion for the differential therapy of hypertension] Behn P, et al. **Z Gesamte Inn Med** 1980 Dec 15;35(24):866–73 (Eng. Abstr.) **(Ger)**

[Modifications of some cardiorespiratory parameters under a controlled work-load in a group of football players, winners of Italian championship football] Minelli R, et al. **Boll Soc Ital Biol Sper** 1980 Nov 15;56(21):2241–7 (Eng. Abstr.) **(Ita)**

[An isometric exercise for the diagnosis of chronic obliterating arteriopathies of the lower extremities] Catalano M, et al. **G Ital Cardiol** 1980;10(10):1356–9 (Eng. Abstr.) **(Ita)**

[Metoprolol effect on ECG exercise test in patients with stable angina pectoris. Computer analysis (author's transl)] Manca C, et al. **G Ital Cardiol** 1979;9(10):1104–9 (Eng. Abstr.) **(Ita)**

[Exercise test in elderly subjects (author's transl)] Fukuchi Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):686–95 (Eng. Abstr.) **(Jpn)**

[Use of effort tests for evaluation of the effectiveness of digitalis treatment in atrial fibrillation. Correlation with blood levels of digoxin] Gavrilescu S, et al. **Rev Med Interna [Med Interna]** 1980 Jul–Aug;32(4):325–38 (Eng. Abstr.) **(Rum)**

[Effect of motor activity on aerobic performance of healthy subjects] Machinskiĭ GV. **Kosm Biol Aviakosm Med** 1981 Jan–Feb;15(1):54–6 (Eng. Abstr.) **(Rus)**

[Study of the mass-inertia characteristics of human body segments by the gamma scanning method during 6 months of hypokinesia] Tishler VA, et al. **Kosm Biol Aviakosm Med** 1981 Jan–Feb; 15(1):36–42 (Eng. Abstr.) **(Rus)**

HEART SOUNDS

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I138–48

Exercise and the amplitude of first heart sound in ischemic heart disease and normal subjects. Gupta RC, et al. **Indian Heart J** 1980 Nov–Dec;32(6):349–54

[Automatic indirect measurement of blood pressure in resting and exercising subjects: analysis of the Korotkov sound pattern; variable 'time gate' for artifact suppression (author's transl)] Bertram B, et al. **Biomed Tech (Berlin)** 1981 Apr;26(4):81–4 (Eng. Abstr.) **(Ger)**

HEART VALVE PROSTHESIS

Electrocardiographic evaluation of the bicycle ergometric test in cardiosurgical patients. Kassirsky GI, et al. **Adv Cardiol** 1981; 28:175–7

Assessment of left ventricular function in aortic valve disease by isometric exercise. Krayenbuehl HP, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I149–55

Preliminary clinical and hemodynamic results after mitral valve replacement using St. Jude Medical prostheses in comparison with the Björk-Shiley valve. Horstkotte D, et al. **Thorac Cardiovasc Surg** 1981 Apr;29(2):93–9

[Rehabilitation of patients with an aortic valve prosthesis and coronary insufficiency] Fomina NG, et al. **Kardiologiia** 1981 Feb; 21(2):58–62 (Eng. Abstr.) **(Rus)**

HEART VENTRICLE

Early exercise test in the assessment of long-term prognosis after acute myocardial infarction. Saunamäki KI, et al. **Acta Med Scand** 1981;209(3):185–91

Correlation studies between employability, left ventricular hemodynamics and exercise ECG before and after aortocoronary bypass surgery. Nitter-Hauge S. **Acta Med Scand [Suppl]** 1981; 645:1–7

Effect of training on left ventricular contraction dynamics at rest and during maximal exercise. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):593–600

Effects of exercise training on left ventricular mass in patients with ischemic heart disease. Ditchey RV, et al. **Am Heart J** 1981 Jun; 101(6):701–6

Real time computerization of two-dimensional echocardiography. Garcia E, et al. **Am Heart J** 1981 Jun;101(6):783–92

Effects of diltiazem-induced calcium blockade upon exercise capacity in effort angina due to chronic coronary artery disease. Low RI, et al. **Am Heart J** 1981 Jun;101(6):713–8

Noninvasive assessment of left ventricular performance in patients with ischemic heart disease: ear densitographic study during uninterrupted treadmill exercise. Sugiura T, et al.

PHYSICAL FITNESS/SPORTS MEDICINE

HEART VENTRICLE

Am J Cardiol 1981 Jul;48(1):101-5

Left ventricular function after dynamic and static exercise in ischaemic heart disease. Korhonen UR, et al. **Ann Clin Res** 1980 Dec;12(6):299-307

Limited exercise testing soon after myocardial infarction. Correlation with early coronary and left ventricular angiography. Schwartz KM, et al. **Ann Intern Med** 1981 Jun;94(6):727-34

Protein synthesis in the isolated perfused rat heart. Effects of mechanical work load, diastolic ventricular pressure and coronary pressure on amino acid incorporation and its transmural distribution into left ventricular protein. Takala T. **Basic Res Cardiol** 1981 Jan-Feb;76(1):44-61

Transient depolarisation and action potential alterations following mechanical changes in isolated myocardium. Lab MJ. **Cardiovasc Res** 1980 Dec;14(11):624-37

Cardiovascular response to static exercise in the conscious cat. Gonyea WJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I63-9

Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Haskell WL, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I156-61

Effect of static and dynamic exercise on heart volume, contractility, and left ventricular dimensions. Keul J, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I162-70

Assessment of left ventricular function in aortic valve disease by isometric exercise. Krayenbuehl HP, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I149-55

Chronic training with static and dynamic exercise: cardiovascular adaptation, and response to exercise. Longhurst JC, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I171-8

Left ventricular diastolic performance at rest and during exercise in patients with coronary artery disease. Assessment with first-pass radionuclide angiography. Reduto LA, et al. **Circulation** 1981 Jun;63(6):1228-37

Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Selwyn AP, et al. **Circulation** 1981 Jul;64(1):83-90

The influence of endurance training on left ventricular function. Pust B, et al. **J Sports Med Phys Fitness** 1980 Dec; 20(4):359-64

Acute effects of cigarette smoking on left ventricular function at rest and exercise. Behr MJ, et al. **Med Sci Sports Exerc** 1981; 13(1):9-12

[Angiographic frame-by-frame computerized evaluation of overall and regional left ventricular wall motion (author's transl)] Azancot I, et al. **J Physiol (Paris)** 1980;76(7):731-9 (Eng. Abstr.) **(Fre)**

HEAT

Heat acclimatization, its decay and reinduction in young Caucasian females. Stephens RL, et al. **Am Ind Hyg Assoc J** 1981 Jan; 42(1):12-7

Effect of dehydration and a few regimes of rehydration on human performance. Bijlani RL, et al. **Indian J Physiol Pharmacol** 1980 Oct-Dec;24(4):255-66

Alcohol consumption in rats: effects on work capacity in the heat. Francesconi R, et al. **J Appl Physiol** 1981 May;50(5):1006-10

Calibration and characterization of heat flow transducers for use in hyperbaric helium. Nuckols ML, et al. **Undersea Biomed Res** 1980 Dec;7(4):249-56

HEAT EXHAUSTION

Heat stroke and community runs [letter] Lee H. **Br Med J** 1981 May 23;282(6277):1705

Heat stroke and community runs [letter] Nicholson MR. **Br Med J [Clin Res]** 1981 May 9;282(6275):1544-5

Alcohol consumption in rats: effects on work capacity in the heat. Francesconi R, et al. **J Appl Physiol** 1981 May;50(5):1006-10

Prevention of damage by sport activity in hot climates. Keren G, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):452-9

Medical aspects of competitive distance running: guidelines for community physicians. Williams RS, et al. **Postgrad Med** 1981 Jul;70(1):41-4, 47-8, 51

Medical care for the fitness revolution. Mann GV. **South Med J** 1981 Mar;74(3):261-3

HEMOGLOBINS

Runner's anemia and iron deficiency. Hunding A, et al. **Acta Med Scand** 1981;209(4):315-8

Oxygen equilibrium properties of blood and hemoglobin of fetal and adult Weddell seals. Qvist J, et al. **J Appl Physiol** 1981 May; 50(5):999-1005

The effect of strenuous physical exercise on circulating blood lymphocytes and serum cortisol levels. Robertson AJ, et al. **J Clin Lab Immunol** 1981 Jan;5(1):53-7

The assessment of disease activity in rheumatoid arthritis using a multivariate analysis. Mallya RK, et al. **Rheumatol Rehabil** 1981 Feb 1;20(1):14-7

[Physiological adjustment to physical training at high altitudes] Karvonen J. **Lakartidningen** 1981;78(14):1445-7 (Eng. Abstr.) **(Swe)**

HERNIA, DIAPHRAGMATIC, TRAUMATIC

[Traumatic herniae in childhood (author's transl)] Brandesky G, et al. **Wien Klin Wochenschr** 1981 Feb 6;93(3):80-3 (Eng. Abstr.) **(Ger)**

HIP JOINT

Evaluation of muscular movements at the lower limb joints by an on-line processing of kinematic data and ground reaction. Boccardi S, et al. **J Biomech** 1981;14(1):35-45

The quadriceps complex in bipedal man. Fisk R, et al. **JAOA** 1980 Dec;80(4):291-4

Biomechanics of sit-up exercises. Ricci B, et al. **Med Sci Sports Exerc** 1981;13(1):54-9

[Mechanical effects of femoral anteversion of the hip. Assessment of the validity of Pauwels' theory (author's transl)] Frain P. **Rev Chir Orthop** 1981;67(1):1-9 (Eng. Abstr.) **(Fre)**

[Wear measurements of hip prostheses with UHMW polyethylene (RCH-1000) socket and chromium plated protasul-10 head (author's transl)] Afifi KF, et al. **Z Orthop** 1981 Apr; 119(2):157-62 (Eng. Abstr.) **(Ger)**

[Optimization of human movements using computers] Zinkovskiĭ AV, et al. **Biofizika** 1981 Jan-Feb;26(1):113-6 (Eng. Abstr.) **(Rus)**

HOCKEY

Reaction time of hockey players with reference to their field positions. Bhanot JL, et al. **J Sports Med Phys Fitness** 1980 Dec; 20(4):423-30

Sports eye injuries a preventable disease. Vinger PF. **Ophthalmology (Rochester)** 1981 Feb;88(2):108-13

HUMERAL FRACTURES

[Shoulder injuries in Alpine skiing] Frankenberger A, et al. **Fortschr Med** 1981 May 21;99(19):733-9 (Eng. Abstr.) **(Ger)**

HYPERBARIC OXYGENATION

[Sudden and fluctuating hearing loss in divers. Clinical cases and pathogenetic hypotheses] Sperati G, et al. **Minerva Med** 1981 May 31;72(22):1395-7 (Eng. Abstr.) **(Ita)**

HYPEREMIA

[The reactive hyperemia test; a simple method for testing peripheral arterial circulation during effort] Verhagen PF, et al. **Ned Tijdschr Geneeskd** 1981 Mar 21;125(12):466-9 (Eng. Abstr.) **(Dut)**

HYPERTENSION

Blood pressure reduction by change in life style. The CVD intervention study in Glostrup. Gyntelberg F, et al. **Acta Med Scand [Suppl]** 1981;646:10-14

Hemodynamic and metabolic long-term effects of tienilic acid in essential hypertension. Lund-Johansen P. **Acta Med Scand [Suppl]** 1981;646:106-14

The renin-aldosterone system during exercise in young patients with essential hypertension. Pedersen EB, et al. **Acta Med Scand [Suppl]** 1981;646:90-93

Plasma and urinary catecholamines and metabolites during physical exercise in essential hypertension. Chodakowska J, et al. **Acta Physiol Pol** 1980;31(6):623-30

Plasma renin activity, aldosterone and cortisol levels during physical exercise in essential hypertension. Ignatowska-Switalska H, et al. **Acta Physiol Pol** 1980;31(6):631-5

Metabolism of 3H-catecholamines in the brain of spontaneously hypersensitive rats (SHR) after running stress. Zukowska-Grójec Z, et al. **Acta Physiol Pol** 1980;31(6):613-22

Pediatric aspects of atherosclerosis. Voller RD Jr, et al. **Am Heart J** 1981 Jun;101(6):815-36 (261 ref.)

Myocardial infarction with normal coronary arteries: a prospective clinical-angiographic study. Betriu A, et al. **Am J Cardiol** 1981 Jul;48(1):28-32

Intermittent claudication and hypertension. Ankle pressure and walking distance in patients with well-treated and non-treated hypertension. Janzon L, et al. **Angiology** 1981 Mar; 32(3):175-9

Clinical aspects of treadmill exercise testing. Tan D. **Ann Acad Med Singapore** 1980 Oct;9(4):456-62

Prazosin enhances the antihypertensive effects of beta-blockers during isometric and dynamic exercise. Aärynen M, et al.

Ann Clin Res 1981 Apr;13(2):71-6

Secondary prevention in survivors of myocardial infarction. Joint Recommendations by the International Society and Federation of Cardiology, Scientific Councils on Arteriosclerosis, Epidemiology and Prevention, and Rehabilitation. **Br Med J [Clin Res]** 1981 Mar 14;282(6267):894-6

Effect of static and dynamic exercise on heart volume, contractility, and left ventricular dimensions. Keul J, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I162-70

The sympathetic nervous system and the renin-angiotensin system in borderline hypertension. Henquet JW, et al. **Clin Sci** 1981 Jan; 60(1):25-31

Prolonged isometric exercise. Part 2: Effect on circulation and on renal excretion of sodium and potassium in young males genetically predisposed to hypertension. Parfrey PS, et al. **Hypertension** 1981 Mar-Apr;3(2):188-91

Prolonged isometric exercise. Part 1: Effect on circulation and on renal excretion of sodium and potassium in mild essential hypertension. Parfrey PS, et al. **Hypertension** 1981 Mar-Apr; 3(2):182-7

The role of exercise in the treatment of hypertension in obesity. Horton ES. **Int J Obes** 1981;5 suppl 1:165-71 (35 ref.)

Handgrip-induced negative U-wave in electrocardiogram of hypertensive subjects. Fu LT, et al. **Jpn Heart J** 1981 Jan; 22(1):59-73

Decreased exercise tolerance and hypertension in severe hereditary deficiency of plasma kininogens [letter] James FW, et al. **Lancet** 1981 Apr 18;1(8225):889

The antihypertensive effect of jogging--a hypothesis [letter] Messerli FH. **N Engl J Med** 1981 Jul 30;305(5):286

Is exercise testing worth it? [letter] Boiko P. **Pediatrics** 1981 Mar; 67(3):441

Early prediction of hypertension using exercise blood pressure. Wilson NV, et al. **Prev Med** 1981 Jan;10(1):62-8

Treatment of disease without the use of drugs. V. Phasing out of benzodiazepine and amitriptyline medication with thought control. Sim MK, et al **Singapore Med J** 1980 Aug; 21(4):655-7

Effects of antihypertensive drug therapy on responses to isometric exercise. McAllister RG Jr. **South Med J** 1981 Jun; 74(6):700-3

[Clinical dynamic ECG observations of the physical load tolerance of myocardial infarct patients] Beloev I, et al. **Vutr Boles** 1981; 20(1):60-5 (Eng. Abstr.) **(Bul)**

[A comparison of hypertensive and dialyzed persons response to physical exercise (author's transl)] Lisý Z, et al. **Cas Lek Cesk** 1981 Feb 26;120(8):224-8 (Eng. Abstr.) **(Cze)**

[Importance of the ergometric test in detecting latent hypertension (preliminary report)] Dvořák I, et al. **Vnitr Lek** 1981 May; 27(5):435-9 (Eng. Abstr.) **(Cze)**

[Response of the heart rate and blood pressure to exertion - criterion for the differential therapy of hypertension] Behn P, et al. **Z Gesamte Inn Med** 1980 Dec 15;35(24):866-73 (Eng. Abstr.) **(Ger)**

[Alpha-methyldopa and neural control of the circulation in essential hypertension] Mancia G, et al. **Boll Soc Ital Cardiol** 1980;25(2):113-22 (Eng. Abstr.) **(Ita)**

[Urinary catecholamine excretion levels as affected by measured physical loads in hypertensive adolescents] Usol'tsev AN, et al. **Gig Sanit** 1981 Feb;(2):32-5 (Eng. Abstr.) **(Rus)**

[Physical work capacity prognosis of hypertensive patients] Martynov AA, et al. **Kardiologiia** 1981 Mar;21(3):47-50 (Eng. Abstr.) **(Rus)**

[Changes in the basic central hemodynamic indices in healthy persons and hypertension patients under physical loading] Minovich AI, et al. **Kardiologiia** 1981 Mar;21(3):44-7 (Eng. Abstr.) **(Rus)**

[Criterion for assessing the arterial pressure response to bicycle ergometric loading in the hypertension treatment process] Zamotaev IP, et al. **Kardiologiia** 1981 Mar;21(3):41-4 (Eng. Abstr.) **(Rus)**

HYPNOSIS

Hypnotic projection in sport. Saxon L. **Aust Fam Physician** 1981 Mar;10(3):185-7

Role of sensory nerves in the cardiovascular and respiratory changes with isometric forearm exercise in man. Duncan O, et al. **Clin Sci** 1981 Feb;60(2):145-55

ILIUM

Iliotibial tract friction syndrome in athletes. McNicol K, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):76-80

[Mechanical effects of femoral anteversion of the hip. Assessment of the validity of Pauwels' theory (author's transl)] Frain P. **Rev Chir Orthop** 1981;67(1):1-9 (Eng. Abstr.) **(Fre)**

[The stresses in femur (author's transl)] Rohlmann A, et al. **Z Orthop** 1981 Apr;119(2):163-6 (Eng. Abstr.) **(Ger)**

INDOMETHACIN

The effect of indomethacin and adrenergic receptor blocking agents on rats and canine responses to endotoxin. Goto F, et al. **Circ Shock** 1980;7(4):413-24

INSPIRATORY CAPACITY

Inspiratory muscle function following abdominal weight exercises in healthy subjects. Merrick J, et al. **Phys Ther** 1981 May; 61(5):651-6

INTERCOSTAL MUSCLES

Inspiratory muscle function following abdominal weight exercises in healthy subjects. Merrick J, et al. **Phys Ther** 1981 May; 61(5):651-6

[Traumatic herniae in childhood (author's transl)] Brandesky G, et al. **Wien Klin Wochenschr** 1981 Feb 6;93(3):80-3 (Eng. Abstr.) **(Ger)**

INTERMITTENT CLAUDICATION

Intermittent claudication and hypertension. Ankle pressure and walking distance in patients with well-treated and non-treated hypertension. Janzon L, et al. **Angiology** 1981 Mar; 32(3):175-9

[The reactive hyperemia test; a simple method for testing peripheral arterial circulation during effort] Verhagen PF, et al. **Ned Tijdschr Geneeskd** 1981 Mar 21;125(12):466-9 (Eng. Abstr.) **(Dut)**

[Adaptive changes of carbohydrate metabolism in arterial occlusive diseases. II. Lateral isolated exertion of the lower leg] Maass U, et al. **Vasa** 1981;10(1):36-40 (Eng. Abstr.) **(Ger)**

ISCHEMIA

The effect of pneumatic tourniquets on skeletal muscle physiology. Patterson S, et al. **Acta Orthop Scand** 1981;52(2):171-5

Energy exchange in human skeletal muscle during isometric contraction. Edwards RH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I11-7 (43 ref.)

Cardiovascular responses to muscle ischemia in humans. Rowell LB, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I37-47

JOGGING

Community running track. **Hospitals** 1981 Jul 1;55(13):35-6

Jogging! a non-traumatic exercise? Zacharias CK, et al. **J Kans Med Soc** 1980 Dec;81(12):563-5

Pregnant jogger: what a record! [news] Korcok M. **JAMA** 1981 Jul 17;246(3):201

The antihypertensive effect of jogging--a hypothesis [letter] Messerli FH. **N Engl J Med** 1981 Jul 30;305(5):286

Decreased prostacyclin sensitivity of human platelets after jogging and squash. Burghuber O, et al. **Prostaglandins Med** 1981 Feb; 6(2):127-30

'Joggitis', 'marathonitis' and marathon mania [letter] Grant-Whyte H. **S Afr Med J** 1981 Jun 6;59(24):849-50

[Physical rehabilitation. A further therapeutic instrument in treatment of coronary disease] Marra S, et al. **Minerva Cardioangiol** 1981 Jan-Feb;29(1-2):19-26 (43 ref.) (Eng. Abstr.) **(Ita)**

KNEE INJURIES

Posterior problems in the knee. Posterior cruciate insufficiency and posterolateral rotatory insufficiency. Fleming RE Jr, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):107-13

The technique of cruciate ligament reconstruction. Lipscomb AB, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):77-81

Acute posterior cruciate ligament injuries. Loos WC, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):86-92

Knee rehabilitation after anterior cruciate ligament reconstruction and repair. Paulos L, et al. **Am J Sports Med** 1981 May-Jun; 9(3):140-9

Common athletic knee ligament injuries and their treatment. Fulkerson JP. **Compr Ther** 1981 Feb;7(2):62-6

The etiology of downhill ski injuries. Eriksson E, et al. **Exerc Sport Sci Rev** 1980;8:1-17 (69 ref.)

Survey of rugby injuries. Dineen PF, et al. **Ir Med J** 1981 May; 74(5):137

Bone-block iliotibial-band transfer for anterior cruciate insufficiency. Insall J, et al. **J Bone Joint Surg [Am]** 1981 Apr; 63(4):560-9

[Symptoms and lesions of knees and ankles in former 1956 professional soccer players] Brouwer PJ, et al. **Ned Tijdschr Geneeskd** 1981 May 2;125(18):694-7 (Eng. Abstr.) **(Dut)**

[Lower leg fracture--still the most frequent fracture during skiing?

KNEE INJURIES

(author's transl)] Lindenmaier HL, et al. **Aktuel Traumatol** 1981 Apr;11(2):52-5 (Eng. Abstr.) **(Ger)**

[Evaluation of muscle function disorders in arthrosis using the knee joint as model] Dippold A. **Beitr Orthop Traumatol** 1981 Feb; 28(2):109-15 (Eng. Abstr.) **(Ger)**

KNEE JOINT

Surgical treatment of patellar instability: indications and results. Henry JH, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):82-5

Simplified thigh brace for arthroscopy. Sales C, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):121-2

Isokinetic fatigue curves at different contractile velocities. Barnes WS. **Arch Phys Med Rehabil** 1981 Feb;62(2):66-9

Evaluation of muscular movements at the lower limb joints by an on-line processing of kinematic data and ground reaction. Boccardi S, et al. **J Biomech** 1981;14(1):35-45

Bone-block iliotibial-band transfer for anterior cruciate insufficiency. Insall J, et al. **J Bone Joint Surg [Am]** 1981 Apr; 63(4):560-9

The quadriceps complex in bipedal man. Fisk R, et al. **JAOA** 1980 Dec;80(4):291-4

[Optimization of human movements using computers] Zinkovskii AV, et al. **Biofizika** 1981 Jan-Feb;26(1):113-6 (Eng. Abstr.) **(Rus)**

[Thermographic evaluation of the effects of physical therapy in patients with rheumatoid arthritis (author's transl)] Tauchmannová H, et al. **Bratisl Lek Listy** 1981;75(5):560-6 (Eng. Abstr.) **(Slo)**

LEG INJURIES

The extent of injuries in VFL footballers. Sali A, et al. **Aust Fam Physician** 1981 Mar;10(3):169-70, 172

Response of arterial blood pressure to static exercise in relation to muscle mass, force development, and electromyographic activity. Mitchell JH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):170-5

The use of physiological techniques for monitoring of progress during rehabilitation following fractures of the lower limb. Imms FJ. **Int Rehabil Med** 1980;2(4):181-8 (33 ref.)

Survey of rugby injuries. Dineen PF, et al. **Ir Med J** 1981 May; 74(5):137

[Lower leg fracture--still the most frequent fracture during skiing? (author's transl)] Lindenmaier HL, et al. **Aktuel Traumatol** 1981 Apr;11(2):52-5 (Eng. Abstr.) **(Ger)**

LIFE STYLE

Blood pressure reduction by change in life style. The CVD intervention study in Glostrup. Gyntelberg F, et al. **Acta Med Scand [Suppl]** 1981;646:10-14

Ergonomic aspects of sport and recreation. Reilly T. **Can J Appl Sport Sci** 1981 Mar;6(1):1-10

Rx exercise: effects and side effects. Leach RE. **Hosp Pract** 1981 Jan;16(1):72A-72C, 72G passim

Can you alter your heart disease risk? [news] Johnson RS. **JAMA** 1981 May 15;245(19):1903-8

Type II diabetes mellitus in the senior client. Zimmerman FA. **Nurse Pract** 1981 May-Jun;6(3):31-4

[Effect of motor activity on aerobic performance of healthy subjects] Machinskii GV. **Kosm Biol Aviakosm Med** 1981 Jan-Feb;15(1):54-6 (Eng. Abstr.) **(Rus)**

LIGAMENTS

Bioengineering analysis of head and spine injuries. Sances A Jr, et al. **CRC Crit Rev Bioeng** 1981;5(2):79-122 (340 ref.)

LIGAMENTS, ARTICULAR

Posterior problems in the knee. Posterior cruciate insufficiency and posterolateral rotatory insufficiency. Fleming RE Jr, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):107-13

Skier's thumb. Surgical treatment of recent injuries to the ulnar collateral ligament of the thumb's metacarpophalangeal joint. Gerber C, et al. **Am J Sports Med** 1981 May-Jun;9(3):171-7

The technique of cruciate ligament reconstruction. Lipscomb AB, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):77-81

Acute posterior cruciate ligament injuries. Loos WC, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):86-92

Knee rehabilitation after anterior cruciate ligament reconstruction and repair. Paulos L, et al. **Am J Sports Med** 1981 May-Jun; 9(3):140-9

Common athletic knee ligament injuries and their treatment. Fulkerson JP. **Compr Ther** 1981 Feb;7(2):62-6

Bone-block iliotibial-band transfer for anterior cruciate insufficiency. Insall J, et al. **J Bone Joint Surg [Am]** 1981 Apr; 63(4):560-9

[Pathology of sports injuries of the foot] Pisani G. **Minerva Med** 1981 May 7;72(18):1139-42 (Eng. Abstr.) **(Ita)**

LIPIDS

Coronary risk factors and physical fitness in healthy middle-aged men. Erikssen J, et al. **Acta Med Scand [Suppl]** 1981; 645:57-64

Exercise effects on fitness, lipids, glucose tolerance and insulin levels in young adults. Israel RG, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):336-41

Aerobic exercise effects on lipoproteins and tissue lipids in young pigs. Forsythe WA, et al. **Atherosclerosis** 1981 Feb-Mar; 38(3-4):327-37

The effect of physical training on plasma lipids and lipoproteins. Ballantyne D, et al. **Clin Cardiol** 1981 Jan;4(1):1-4 (38 ref.)

Acute effects of a single exercise session on serum lipids in untrained men. Cullinane E, et al. **Clin Chim Acta** 1981 Feb 5; 109(3):341-4

A morphometric analysis of human muscle fibers with relation to fiber types and adaptations to exercise. Prince FP, et al. **J Neurol Sci** 1981 Feb;49(2):165-79

Changes in serum lipids, lipoproteins, and heparin releasable lipolytic enzymes during moderate physical training in man: a longitudinal study. Peltonen P, et al. **Metabolism** 1981 May; 30(5):518-26

[Effects of intensive physical training on blood lipids: a study in long-distance runners (author's transl)] Letac B, et al. **Nouv Presse Med** 1981 Feb 14;10(6):403-6 (Eng. Abstr.) **(Fre)**

[The effect of physical exercise on the glyco-lipid effect in normal and diabetic subjects] Ferlito S, et al. **G Clin Med** 1980 Oct; 61(10):728-39 (Eng. Abstr.) **(Ita)**

LIVER GLYCOGEN

Effects of glucose infusion on hepatic and muscle glycogenolysis in exercising dogs. Issekutz B Jr. **Am J Physiol** 1981 May; 240(5):E451-7

Effect of endurance training on liver cAMP response to prolonged submaximal exercise. Winder WW, et al. **Am J Physiol** 1981 May; 240(5):R330-4

LOCOMOTION

Loss of strength and functional decline in Duchenne's dystrophy. Allsop KG, et al. **Arch Neurol** 1981 Jul;38(7):406-11

Energy cost of ambulation with crutches. Fisher SV, et al. **Arch Phys Med Rehabil** 1981 Jun;62(6):250-6

Cardiovascular stress of crutch walking. Patterson R, et al. **Arch Phys Med Rehabil** 1981 Jun;62(6):257-60

Evaluation of muscular movements at the lower limb joints by an on-line processing of kinematic data and ground reaction. Boccardi S, et al. **J Biomech** 1981;14(1):35-45

[Value of walking exercises in the rehabilitation of patients after myocardial infarct] Sledzevskaia IK, et al. **Ter Arkh** 1980; 52(12):31-4 (Eng. Abstr.) **(Rus)**

LONGEVITY

Age-dependence of collagen tail fiber breaking strength in Sprague-Dawley and Fischer 344 rats. Bochantin J, et al. **Exp Gerontol** 1981;16(1):101-6

The effects of vitamin E on mouse fitness and survival. Blackett AD, et al. **Gerontology** 1981;27(3):133-9

LUMBAR VERTEBRAE

Herniated lumbar disk associated with running. A review of 10 cases. Guten G. **Am J Sports Med** 1981 May-Jun;9(3):155-9

Biomechanics of sit-up exercises. Ricci B, et al. **Med Sci Sports Exerc** 1981;13(1):54-9

LUNG VOLUME MEASUREMENTS

Exercise-induced asthma. Busse WW. **Am J Sports Med** 1981 May-Jun;9(3):194-6

Inhibition of exercise-induced asthma by a calcium antagonist, nifedipine. Cerrina J, et al. **Am Rev Respir Dis** 1981 Feb; 123(2):156-60

Determination of the functional residual capacity during exercise. Kiers A, et al. **Ergonomics** 1980 Oct;23(10):955-9

Chronic cough in children: a manifestation of airway hyperreactivity. Cloutier MM, et al. **Pediatrics** 1981 Jan; 67(1):6-12

Maximal inspiratory volume and postoperative pulmonary complications. Alexander GD, et al. **Surg Gynecol Obstet** 1981 May;152(5):601-3

A non-pharmacologic approach to the treatment of exercise-induced bronchospasm. Schachter EN, et al. **Yale J Biol Med** 1980 Nov-Dec;53(6):485-96

[Exercise tolerance of persons with chronic obstructive airways disease (author's transl)] Szmidt M, et al. **Prax Klin Pneumol** 1981 May;35(5):225–9 (Eng. Abstr.) **(Ger)**

[Contribution to the assessment of physical fitness in patients with pulmonary diseases on the basis of cardiopulmonary and ergometric parameters (author's transl)] Pielesch W, et al. **Z Erkr Atmungsorgane** 1981;156(1):85–93 (Eng. Abstr.) **(Ger)**

MANDIBLE

The mandibular repositioning appliance, temporomandibular muscular balance, an athletic performance. Gabaree WF Jr. **J Conn State Dent Assoc** 1981 Mar;55(1):6–8

Evidence that the human jaw stretch reflex increases the resistance of the mandible to small displacements. Cooker HS, et al. **J Physiol (Lond)** 1980 Nov;308:61–78

Method for determining the physiologic equilibrium point of the mandible. Tradowsky M, et al. **J Prosthet Dent** 1981 May; 45(5):558–63

MAXIMAL MIDEXPIRATORY FLOW RATE

Maximal inspiratory volume and postoperative pulmonary complications. Alexander GD, et al. **Surg Gynecol Obstet** 1981 May;152(5):601–3

MAXIMAL VOLUNTARY VENTILATION

Ventilatory endurance in athletes and non-athletes. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(1):21–6

MEPERIDINE

Studies in the primate on the analgetic effects associated with intrathecal actions of opiates, alpha-adrenergic agonists and baclofen. Yaksh TL, et al. **Anesthesiology** 1981 Jun; 54(6):451–67

MITRAL VALVE INSUFFICIENCY

[Physical load tolerance in mitral and mitral-tricuspid heart defect patients] Muzhilo MS. **Vopr Revm** 1981 Jan–Mar;(1):19–23 (Eng. Abstr.) **(Rus)**

MITRAL VALVE STENOSIS

[The atrial vectorcardiogram at rest and during exercise. Comparison, by computerized analysis, of normal subjects and patients with mitral stenosis] Astorri E, et al. **G Ital Cardiol** 1980; 10(10):1308–20 (Eng. Abstr.) **(Ita)**

[Physical load tolerance in mitral and mitral-tricuspid heart defect patients] Muzhilo MS. **Vopr Revm** 1981 Jan–Mar;(1):19–23 (Eng. Abstr.) **(Rus)**

MORPHINE

Studies in the primate on the analgetic effects associated with intrathecal actions of opiates, alpha-adrenergic agonists and baclofen. Yaksh TL, et al. **Anesthesiology** 1981 Jun; 54(6):451–67

Stress and morphine analgesia: alterations following p-chlorophenylalanine. Bodnar RJ, et al. **Pharmacol Biochem Behav** 1981 May;14(5):645–51

MOTOR ACTIVITY

Role of the neostriatal dopaminergic activity in sequencing and selecting behavioural strategies: facilitation of processes involved in selecting the best strategy in a stressful situation. Cools AR. **Behav Brain Res** 1980 Oct;1(5):361–78

Ultrastructural changes with high activity and subsequent recovery at locust motor nerve terminals. A stereological analysis. Reinecke M, et al. **Neuroscience** 1981;6(3):489–503

Cerebral potentials prior to various force deployments. Becker W, et al. **Prog Brain Res** 1980;54:189–94

The impact of different levels of muscular force on the contingent negative variation (CNV). Papakostopoulos D, et al. **Prog Brain Res** 1980;54:195–202

MOTOR SKILLS

The relation between performance in throwing task and work-induced activation. Evans AD, et al. **Ergonomics** 1980 Dec; 23(12):1147–9

Genetic and environmental influences on the strength and motor performance of Philadelphia school children. Malina RM, et al. **Hum Biol** 1981 May;53(2):163–79

Effect of dehydration and a few regimes of rehydration on human performance. Bijlani RL, et al. **Indian J Physiol Pharmacol** 1980 Oct–Dec;24(4):255–66

Body-composition, somatotype and some motor performance of judoists. Farmosi I. **J Sports Med Phys Fitness** 1980 Dec; 20(4):431–4

Physical education for previously unserved severely handicapped children. Broadhead GD. **Rehabil Lit** 1981 Mar–Apr; 42(3–4):86–9

The motor performance of educable mentally retarded and intellectually normal boys after covariate control for differences in body size. Dobbins DA, et al. **Res Q Exerc Sport** 1981 Mar; 52(1):1–8

State anxiety as a function of skill level and proximity to competition. Huddleston S, et al. **Res Q Exerc Sport** 1981 Mar; 52(1):31–4

The role of the components of knowledge of results information in error correction. Reeve TG, et al. **Res Q Exerc Sport** 1981 Mar;52(1):80–5

Stimulus velocity, duration and uncertainty as determiners of response structure and timing accuracy. Shea CH, et al. **Res Q Exerc Sport** 1981 Mar;52(1):86–99

Task classification and strategy utilization in motor skills. Singer RN, et al. **Res Q Exerc Sport** 1981 Mar;52(1):100–16

MOUNTAINEERING

Now, here's ... a real cliff hanger. Cummins GC. **Ohio State Med J** 1981 Apr;77(4):239–40

[The sports medical profile of Alpinists (author's transl)] Biener K, et al. **MMW** 1981 Mar 27;123(13):508–12 (Eng. Abstr.) **(Ger)**

MOUTH PROTECTORS

[Mouth protection in sports] Bolhuis JH. **Ned Tijdschr Tandheelkd** 1980 Dec;87(12):455–9 (Eng. Abstr.) **(Dut)**

MUSCLE CONTRACTION

Force development and metabolism in skeletal muscle of euthyroid and hypothyroid rats. Everts ME, et al. **Acta Endocrinol (Copenh)** 1981 Jun;97(2):221–5

The effect of pneumatic tourniquets on skeletal muscle physiology. Patterson S, et al. **Acta Orthop Scand** 1981;52(2).171–5

Interrelationships between electromyographic, mechanical, muscle structure and reflex time measurements in man. Viitasalo JT, et al. **Acta Physiol Scand** 1981 Jan;111(1):97–103

Effects of fatigue on isometric force- and relaxation-time characteristics in human muscle. Viitasalo JT, et al. **Acta Physiol Scand** 1981 Jan;111(1):87–95

Effects of prolonged noise exposure in chinchillas with severed middle ear muscles. Ferraro JA, et al. **Am J Otolaryngol** 1981 Feb;2(1):13–8

Multiterritorial muscle evaluations for maximal isometric contraction of the deltoid muscle in normal and dystrophic humans. Simard T, et al. **Am J Phys Med** 1981 Jun; 60(3):132–43

Myosin light chain phosphorylation associated with contraction in arterial smooth muscle. Driska SP, et al. **Am J Physiol** 1981 May;240(5):C222–33

Mechanics and energetics of lengthening of active airway smooth muscle. Hanks BS, et al. **Am J Physiol** 1981 Jul;241(1):C42–6

Isokinetic fatigue curves at different contractile velocities. Barnes WS. **Arch Phys Med Rehabil** 1981 Feb;62(2):66–9

Specificity in strength training: a review for the coach and athlete. Sale D, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):87–92 (36 ref.)

A preliminary study of dynamic muscle function in hereditary ataxia. Richards C, et al. **Can J Neurol Sci** 1980 Nov; 7(4):367–77

Energy exchange in human skeletal muscle during isometric contraction. Edwards RH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I11–7 (43 ref.)

Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Haskell WL, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I156–61

The blood flow through the 'resting' arm during hand-grip contractions. Lind AR, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I104–9

Response of arterial blood pressure to static exercise in relation to muscle mass, force development, and electromyographic activity. Mitchell JH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I70–5

Factors determining the blood pressure responses to isometric exercise. Perez-Gonzalez JE. **Circ Res** 1981 Jun; 48(6 Pt 2):I76–86 (43 ref.)

The influence of fiber composition, recruitment order and muscle temperature on the pressor response to isometric contractions in skeletal muscle of the cat. Petrofsky JS, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I32–6

Cardiovascular responses to muscle ischemia in humans. Rowell LB, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I37–47

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLE CONTRACTION

Different behavior of the resistance vessels of the human calf and forearm during contralateral isometric exercise, mental stress, and abnormal respiratory movements. Rusch NJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I118-30

Static (isometric) exercise. Retrospection and introspection. Shepherd JT, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I179-88 (96 ref.)

The forearm blood flow during intermittent hand-grip isometric exercise. Williams CA, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I110-7

Surgical repair of ruptures of the tendo Achillis. Inglis AE, et al. **Clin Orthop** 1981 May;(156):160-9

Feedback and maximum voluntary contraction. Peacock B, et al. **Ergonomics** 1981 Mar;24(3):223-8

Relationship between force and integrated EMG activity during voluntary isometric anisotonic contraction. Metral S, et al. **Eur J Applied Physiol** 1981;46(2):185-98

Paradoxical influence of encouragement on muscle fatigue. Rube N, et al. **Eur J Applied Physiol** 1981;46(1):1-7

Effects of angiotensin II and bradykinin on isolated human pulmonary arteries. Boe J, et al. **Eur J Respir Dis** 1981; 62(2):95-101

Muscle fiber splitting in trained and untrained animals. Gonyea WJ. **Exerc Sport Sci Rev** 1980;8:19-39 (71 ref.)

Increased acetyl carnitine in rat skeletal muscle as a result of high-intensity short-duration exercise. Implications in the control of pyruvate dehydrogenase activity. Carter AL, et al. **FEBS Lett** 1981 Apr 6;126(1):21-4

Effect of dehydration and a few regimes of rehydration on human performance. Bijlani RL, et al. **Indian J Physiol Pharmacol** 1980 Oct-Dec;24(4):255-66

Effect of ovulation on the response of the rabbit oviduct to acetylcholine in vitro. Rajkumar K, et al. **Int J Fertil** 1981; 26(1):57-60

Viscoelastic properties of bladder strips: standardization of a technique. Susset JG, et al. **Invest Urol** 1981 May; 18(8):445-50

Muscular enlargement and number of fibers in skeletal muscles of rats. Gollnick PD, et al. **J Appl Physiol** 1981 May; 50(5):936-43

The effect of sarcomere non-uniformity on the sarcomere length-tension relationship of skinned fibers. Iwazumi T, et al. **J Cell Physiol** 1981 Mar;106(3):321-37

The mandibular repositioning appliance, temporomandibular muscular balance, an athletic performance. Gabaree WF Jr. **J Conn State Dent Assoc** 1981 Mar;55(1):6-8

Relative tension and potential excursion of muscles in the forearm and hand. Brand PW, et al. **J Hand Surg** 1981 MAY; 6(3):209-19

Evidence for two separated Ca2+ pathways in smooth muscle plasmalemma. Meisheri KD, et al. **J Membr Biol** 1981 Mar 15; 59(1):19-25

'Turns' analysis in the physiological evaluation of neuromuscular disorders. Garcia HA, et al. **J Neurol Neurosurg Psychiatry** 1980 Dec;43(12):1091-7

Evidence that the human jaw stretch reflex increases the resistance of the mandible to small displacements. Cooker HS, et al. **J Physiol (Lond)** 1980 Nov;308:61-78

Method for determining the physiologic equilibrium point of the mandible. Tradowsky M, et al. **J Prosthet Dent** 1981 May; 45(5):558-63

O2 uptake and work by in situ muscle performing contractions with constant shortening. Stainsby WN, et al. **Med Sci Sports Exerc** 1981;13(1):27-30

Isometric contractions of normal and spastic human skeletal muscle. Ismail HM, et al. **Muscle Nerve** 1981 May-Jun;4(3):214-8

Energy sources and mechanical efficiency of anaerobic work in dog gastrocnemius. di Prampero PE, et al. **Pfluegers Arch** 1981 Mar;389(3):257-62

Glycolytic intermediates in human muscle after isometric contraction. Harris RC, et al. **Pfluegers Arch** 1981 Mar; 389(3):277-82

Effect of hyperthyroidism on the contractile and histochemical properties of fast and slow twitch skeletal muscle in the rat. Nicol CJ, et al. **Pfluegers Arch** 1981 Apr;390(1):73-9

Cyclic-AMP mediated relaxation of chemically skinned fibers of smooth muscle. Rüegg JC, et al. **Pfluegers Arch** 1981 May; 390(2):198-201

Energy cost of submaximal isometric concentrations in cat fast and slow twitch muscles. Sawka MN, et al. **Pfluegers Arch** 1981 May;390(2):164-8

Electromyographic activity recorded from an unexercised muscle during maximal isometric exercise of the contralateral agonists and antagonists. Devine KL, et al. **Phys Ther** 1981 Jun; 61(6):898-903

Effects of an applied kinesiology technique on quadriceps femoris muscle isometric strength. Grossi JA. **Phys Ther** 1981 Jul; 61(7):1011-6

Clinical electromyographic feedback following meniscectomy. A multiple regression experimental analysis. Krebs DE. **Phys Ther** 1981 Jul;61(7):1017-21

Cerebral potentials prior to various force deployments. Becker W, et al. **Prog Brain Res** 1980;54:189-94

The impact of different levels of muscular force on the contingent negative variation (CNV). Papakostopoulos D, et al. **Prog Brain Res** 1980;54:195-202

Ventilatory and pressor response to isometric exercise in normal subjects. Bosisio E, et al. **Respiration** 1980;40(6):337-43

Energetics of muscular exercise. di Prampero PE. **Rev Physiol Biochem Pharmacol** 1981;89:143-222 (270 ref.)

The assessment of disease activity in rheumatoid arthritis using a multivariate analysis. Mallya RK, et al. **Rheumatol Rehabil** 1981 Feb 1;20(1):14-7

Physical training in rheumatoid arthritis: a controlled long-term study. I. Nordemar R, et al. **Scand J Rheumatol** 1981; 10(1):17-23

Exercise and the maintenance of health. Halfman MA, et al. **Top Clin Nurs** 1981 Jul;3(2):1-10

[The recruitment of motor units during elbow flexions in man] Mariani J, et al. **Electrodiagn Ther** 1979;16(1):32-40 (Eng. Abstr.) **(Fre)**

[Mechanical effects of femoral anteversion of the hip. Assessment of the validity of Pauwels' theory (author's transl)] Frain P. **Rev Chir Orthop** 1981;67(1):1-9 (Eng. Abstr.) **(Fre)**

[The stresses in femur (author's transl)] Rohlmann A, et al. **Z Orthop** 1981 Apr;119(2):163-6 (Eng. Abstr.) **(Ger)**

[Resynthesis of adenosine triphosphate and phosphocreatine in skeletal muscle during recovery from exercise (author's transl)] Granata AL, et al. **Riv Biol** 1980;73(3):433-5 (Eng. Abstr.) **(Ita)**

MUSCLE CRAMP

Exercise-induced pain, stiffness, and tubular aggregation in skeletal muscle. Brumback RA, et al. **J Neurol Neurosurg Psychiatry** 1981 Mar;44(3):250-4

MUSCLE TONUS

The effect of pneumatic tourniquets on skeletal muscle physiology. Patterson S, et al. **Acta Orthop Scand** 1981;52(2):171-5

The mandibular repositioning appliance, temporomandibular muscular balance, an athletic performance. Gabaree WF Jr. **J Conn State Dent Assoc** 1981 Mar;55(1):6-8

The effects of the bradycardia-producing compound alinidine on action potentials and tension development in cardiac fibres. Tritthart HA, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Apr;316(2):172-7

MUSCLES

Force development and metabolism in skeletal muscle of euthyroid and hypothyroid rats. Everts ME, et al. **Acta Endocrinol (Copenh)** 1981 Jun;97(2):221-5

The effect of pneumatic tourniquets on skeletal muscle physiology. Patterson S, et al. **Acta Orthop Scand** 1981;52(2):171-5

Influence of alpha and beta adrenergic receptors blockade on the adrenolytic effect of muscular work. Janczewska H, et al. **Acta Physiol Pol** 1980;31(5):469-74

Effects of fatigue on isometric force- and relaxation-time characteristics in human muscle. Viitasalo JT, et al. **Acta Physiol Scand** 1981 Jan;111(1):87-95

Interrelationships between electromyographic, mechanical, muscle structure and reflex time measurements in man. Viitasalo JT, et al. **Acta Physiol Scand** 1981 Jan;111(1):97-103

The influence of H1- and H2-receptor blockade on responses of resistance and capacitance vessels to noradrenaline in working skeletal muscles in cats. Janczewska H, et al. **Agents Actions** 1981 Apr;11(1-2):119-22

Effects of sublethal gamma irradiation and exercise on succinate oxidase and metabolites of lipid peroxides. II. Rat skeletal muscle. Wilhelm J, et al. **Agressologie** 1980;21(2):87-91

Effects of prolonged noise exposure in chinchillas with severed middle ear muscles. Ferraro JA, et al. **Am J Otolaryngol** 1981 Feb;2(1):13-8

Effects of glucose infusion on hepatic and muscle glycogenolysis in exercising dogs. Issekutz B Jr. **Am J Physiol** 1981 May; 240(5):E451-7

Role of epinephrine for muscular glycogenolysis and pancreatic hormonal secretion in running rats. Richter EA, et al. **Am J Physiol** 1981 May;240(5):E526-32

Posterior problems in the knee. Posterior cruciate insufficiency and posterolateral rotatory insufficiency. Fleming RE Jr, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):107-13

Flexibility and musculoskeletal symptomatology in female gymnasts and age-matched controls. Kirby RL, et al. **Am J Sports Med** 1981 May-Jun;9(3):160-4

Exercise training fails to increase skeletal muscle enzymes in patients with chronic obstructive pulmonary disease. Belman MJ, et al. **Am Rev Respir Dis** 1981 Mar;123(3):256-61

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLES

Inspiratory muscle training compared with physiotherapy in patients with chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):421–5
The effects of inspiratory muscle training on exercise performance in chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):426–33
Loss of strength and functional decline in Duchenne's dystrophy. Allsop KG, et al. **Arch Neurol** 1981 Jul;38(7):406–11
The two-layer rhytidectomy. Kamer FM, et al. **Arch Otolaryngol** 1981 Jul;107(7):450–3
Response of type I fibers to weight lifting in rat plantaris. Herbison GJ, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):342–4
Exercises for your back. Murtagh JE. **Aust Fam Physician** 1981 Apr;10(4):241
Comparison of the binding of heavy meromyosin and myosin subfragment 1 in F-actin. Greene LE. **Biochemistry** 1981 Apr 14;20(8):2120–6
Polymerization of myosin from smooth muscle of the calf aorta. Megerman J, et al. **Biochemistry** 1981 Apr 14;20(8):2099–110
Uptake and release of energy substrates, oxygen, and carbon dioxide by the hindlimb of the fasting infant baboon. Levitsky LL, et al. **Biol Neonate** 1981;39(1–2):105–12
Continuous vs. interval training: a review for the athlete and the coach. MacDougall D, et al. **Can J Appl Sport Sci** 1981 Jun; 6(2):93–7 (34 ref.)
Partial purification and characterization of the components of the neutral ribonuclease II-inhibitor system of normal and distrophic mouse skeletal muscle. Little BW, et al. **Can J Biochem** 1981 Mar;59(3):220–31
A preliminary study of dynamic muscle function in hereditary ataxia. Richards C, et al. **Can J Neurol Sci** 1980 Nov; 7(4):367–77
Biochemical and histochemical alterations in skeletal muscle in man during a period of reduced activity. Green HJ, et al. **Can J Physiol Pharmacol** 1980 Nov;58(11):1311–6
Effects of breathing retraining in patients with chronic obstructive pulmonary disease. Casciari RJ, et al. **Chest** 1981 Apr; 79(4):393–8
Similarities and dissimilarities between static and dynamic exercise. Asmussen E. **Circ Res** 1981 Jun;48(6 Pt 2):I3–10 (18 ref.)
Similarity of the hemodynamic responses to static and dynamic exercise of small muscle groups. Blomqvist CG, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I87–92
Energy exchange in human skeletal muscle during isometric contraction. Edwards RH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I11–7 (43 ref.)
Central projections from ergoreceptors (C fibers) in muscle involved in cardiopulmonary responses to static exercise. Kalia M, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I48–62
Response of arterial blood pressure to static exercise in relation to muscle mass, force development, and electromyographic activity. Mitchell JH, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I70–5
Factors determining the blood pressure responses to isometric exercise. Perez-Gonzalez JE. **Circ Res** 1981 Jun; 48(6 Pt 2):I76–86 (43 ref.)
The influence of fiber composition, recruitment order and muscle temperature on the pressor response to isometric contractions in skeletal muscle of the cat. Petrofsky JS, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I32–6
Cardiovascular responses to muscle ischemia in humans. Rowell LB, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I37–47
Static (isometric) exercise. Retrospection and introspection. Shepherd JT, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I179–88 (96 ref.)
Bioengineering analysis of head and spine injuries. Sances A Jr, et al. **CRC Crit Rev Bioeng** 1981;5(2):79–122 (340 ref.)
Physiological responses to weight lifting in different planes. Kumar S. **Ergonomics** 1980 Oct;23(10):987–93
Inhibition of individual fingers during grip strength exertion. Ohtsuki T. **Ergonomics** 1981 Jan;24(1):21–36
Decrease in grip strength induced by simultaneous bilateral exertion with reference to finger strength. Ohtsuki T. **Ergonomics** 1981 Jan;24(1):37–48
Muscle strength and fatigue after selective glycogen depletion in human skeletal muscle fibers. Jacobs I, et al. **Eur J Applied Physiol** 1981;46(1):47–53
Relationship between force and integrated EMG activity during voluntary isometric anisotonic contraction. Metral S, et al. **Eur J Applied Physiol** 1981;46(2):185–98
Muscle fiber splitting in trained and untrained animals. Gonyea WJ. **Exerc Sport Sci Rev** 1980;8:19–39 (71 ref.)
Acid-base balance during exercise. Hultman E, et al. **Exerc Sport Sci Rev** 1980;8:41–128 (234 ref.)
Peripheral and central nervous system mechanisms controlling exercise-induced breathing patterns. Vidruk EH, et al. **Exerc Sport Sci Rev** 1980;8:129–47 (67 ref.)
Increased acetyl carnitine in rat skeletal muscle as a result of high-intensity short-duration exercise. Implications in the control of pyruvate dehydrogenase activity. Carter AL, et al. **FEBS Lett** 1981 Apr 6;126(1):21–4
Respiratory performance and grip strength tests on the basketball players of inter-university competition. De AK, et al. **Indian J Physiol Pharmacol** 1980 Oct-Dec;24(4):305–9
Muscular enlargement and number of fibers in skeletal muscles of rats. Gollnick PD, et al. **J Appl Physiol** 1981 May; 50(5):936–43
Evaluation of muscular movements at the lower limb joints by an on-line processing of kinematic data and ground reaction. Boccardi S, et al. **J Biomech** 1981;14(1):35–45
A comprehensive model for human motion simulation and its application to the take-off phase of the long jump. Hatze H. **J Biomech** 1981;14(3):135–42
The biochemical properties of connective tissue in rabbits as influenced by short-term glucocorticoid treatment. Oxlund H, et al. **J Biomech** 1981;14(3):129–33
Further observations on the chromatography of myosin preparations on hydroxyapatite. Mozersky SM, et al. **J Chromatogr** 1981 Mar 27;207(3):395–402
Hindlimb muscular activity, kinetics and kinematics of cats jumping to their maximum achievable heights. Zajac FE, et al. **J Exp Biol** 1981 Apr;91:73–86
Relative tension and potential excursion of muscles in the forearm and hand. Brand PW, et al. **J Hand Surg** 1981 MAY; 6(3):209–19
Exercise-induced pain, stiffness, and tubular aggregation in skeletal muscle. Brumback RA, et al. **J Neurol Neurosurg Psychiatry** 1981 Mar;44(3):250–4
A morphometric analysis of human muscle fibers with relation to fiber types and adaptations to exercise. Prince FP, et al. **J Neurol Sci** 1981 Feb;49(2):165–79
Capillary increase in the skeletal muscle of trained young and adult rats. Adolfsson J, et al. **J Physiol (Lond)** 1981 Jan;310:529–32
Correlation between efficiency in cycling and maximal power of human extensor muscles. Miyashita M, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):365–70
The effect of training on some morphological parameters of top-ranking Indian basketball players. Muthiah CM, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):405–12
The quadriceps complex in bipedal man. Fisk R, et al. **JAOA** 1980 Dec;80(4):291–4
The spinal cord as organizer of disease processes: IV. Axonal transport and neurotrophic function in relation to somatic dysfunction. Korr IM. **JAOA** 1981 Mar;80(7):451–9
Alternate or supplemental energy sources. Birkhahn RH, et al. **JPEN** 1981 Jan-Feb;5(1):24–31 (60 ref.)
Ventilatory endurance in athletes and non-athletes. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(1):21–6
Biomechanics of sit-up exercises. Ricci B, et al. **Med Sci Sports Exerc** 1981;13(1):54–9
O2 uptake and work by in situ muscle performing contractions with constant shortening. Stainsby WN, et al. **Med Sci Sports Exerc** 1981;13(1):27–30
Dichloroacetate: effects on exercise endurance in untrained rats. Schneider SH, et al. **Metabolism** 1981 Jun;30(6):590–5
Isometric contractions of normal and spastic human skeletal muscle. Ismail HM, et al. **Muscle Nerve** 1981 May-Jun;4(3):214–8
Intense exercise, bone structure and blood calcium levels in vertebrates. Ruben JA, et al. **Nature** 1981 Jun 4; 291(5814):411–3
Cholinesterase in muscle of dystrophic hamsters (Bio-40.54). Henderson NS, et al. **Neurochem Res** 1980 Dec;5(12):1221–30
Ultrastructural changes with high activity and subsequent recovery at locust motor nerve terminals. A stereological analysis. Reinecke M, et al. **Neuroscience** 1981;6(3):489–503
Energy sources and mechanical efficiency of anaerobic work in dog gastrocnemius. di Prampero PE, et al. **Pfluegers Arch** 1981 Mar;389(3):257–62
Glycolytic intermediates in human muscle after isometric contraction. Harris RC, et al. **Pfluegers Arch** 1981 Mar; 389(3):277–82
Effect of hyperthyroidism on the contractile and histochemical properties of fast and slow twitch skeletal muscle in the rat. Nicol CJ, et al. **Pfluegers Arch** 1981 Apr;390(1):73–9
Energy cost of submaximal isometric concentrations in cat fast and slow twitch muscles. Sawka MN, et al. **Pfluegers Arch** 1981 May;390(2):164–8
Electromyographic activity of back musculature during Williams' flexion exercises. Blackburn SE, et al. **Phys Ther** 1981 Jun; 61(6):878–85
Effects of an applied kinesiology technique on quadriceps femoris muscle isometric strength. Grossi JA. **Phys Ther** 1981 Jul; 61(7):1011–6
Clinical electromyographic feedback following meniscectomy. A multiple regression experimental analysis. Krebs DE. **Phys Ther** 1981 Jul;61(7):1017–21
Strength-duration curve: intrarater and interrater reliability. Nelson RM, et al. **Phys Ther** 1981 Jun;61(6):894–7
The etiology of hypertrophic scar contracture: another view. Brody GS, et al. **Plast Reconstr Surg** 1981 May;67(5):673–84

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLES

Noninvasive, nondestructive approaches to cell bioenergetics. Chance B, et al. **Proc Natl Acad Sci USA** 1980 Dec; 77(12):7430–4

Energetics of muscular exercise. di Prampero PE. **Rev Physiol Biochem Pharmacol** 1981;89:143–222 (270 ref.)

The assessment of disease activity in rheumatoid arthritis using a multivariate analysis. Mallya RK, et al. **Rheumatol Rehabil** 1981 Feb 1;20(1):14–7

[Electromyographic validation of exercise for physical conditioning] Godin G, et al. **Can J Appl Sport Sci** 1981 Mar; 6(1):45–51 (Eng. Abstr.) **(Fre)**

[Mechanical effects of femoral anteversion of the hip. Assessment of the validity of Pauwels' theory (author's transl)] Frain P. **Rev Chir Orthop** 1981;67(1):1–9 (Eng. Abstr.) **(Fre)**

[Cardiovascular adaptation to exercise and training] Castaigne A, et al. **Rev Prat** 1981 May 1;31(25):1757–8, 1961–2, 1965–71 (Eng. Abstr.) **(Fre)**

[Evaluation of muscle function disorders in arthrosis using the knee joint as model] Dippold A. **Beitr Orthop Traumatol** 1981 Feb; 28(2):109–15 (Eng. Abstr.) **(Ger)**

[The stresses in femur (author's transl)] Rohlmann A, et al. **Z Orthop** 1981 Apr;119(2):163–6 (Eng. Abstr.) **(Ger)**

[Resynthesis of adenosine triphosphate and phosphocreatine in skeletal muscle during recovery from exercise (author's transl)] Granata AL, et al. **Riv Biol** 1980;73(3):433–5 (Eng. Abstr.) **(Ita)**

[Optimization of human movements using computers] Zinkovskii AV, et al. **Biofizika** 1981 Jan–Feb;26(1):113–6 (Eng. Abstr.) **(Rus)**

[Microcalorimetric and myographic analysis of the causes of changes in the ratio of heat loss to work accomplished during muscular activity] Prudnikov VM, et al. **Fiziol Zh SSSR** 1981 Feb;67(2):313–9 (Eng. Abstr.) **(Rus)**

[Effect of cold adaptation on the resting membrane potential of muscle fibers] Fshedetskaia AD, et al. **Fiziol Zh SSSR** 1981 Feb; 67(2):320–4 (Eng. Abstr.) **(Rus)**

[Role of the thyroid gland in skeletal muscle adaptation to increased motor activity] Seene TP, et al. **Fiziol Zh SSSR** 1981 Feb; 67(2):299–305 (Eng. Abstr.) **(Rus)**

[Study of the mass–inertia characteristics of human body segments by the gamma scanning method during 6 months of hypokinesia] Tishler VA, et al. **Kosm Biol Aviakosm Med** 1981 Jan–Feb; 15(1):36–42 (Eng. Abstr.) **(Rus)**

[Tissue energy metabolism in rats in the initial period after a soft tissue injury] Lysyl LT. **Patol Fiziol Eksp Ter** 1981 Jan–Feb; (1):64–9 (Eng. Abstr.) **(Rus)**

[Energy expenditures and the functional state of the neuromuscular system in athletes regulating body weight by use of a low–calorie diet] Shubin VI, et al. **Vopr Pitan** 1981 Jan–Feb;(1):11–5 (Eng. Abstr.) **(Rus)**

MUSCULAR DISEASES

Paradoxical influence of encouragement on muscle fatigue. Rube N, et al. **Eur J Applied Physiol** 1981;46(1):1–7

Hemodialysis encephalopathy with osteomalacic fractures and muscle weakness. Pierides AM, et al. **Kidney Int** 1980 Jul; 18(1):115–24

[Orthostatis stress from standing at work] Dupuis H, et al. **Soz Praeventivmed** 1980 Dec;25(6):375–80 (Eng. Abstr.) **(Ger)**

MUSCULAR DYSTROPHY

Multiterritorial muscle evaluations for maximal isometric contraction of the deltoid muscle in normal and dystrophic humans. Simard T, et al. **Am J Phys Med** 1981 Jun; 60(3):132–43

Loss of strength and functional decline in Duchenne's dystrophy. Allsop KG, et al. **Arch Neurol** 1981 Jul;38(7):406–11

'Turns' analysis in the physiological evaluation of neuromuscular disorders. Garcia HA, et al. **J Neurol Neurosurg Psychiatry** 1980 Dec;43(12):1091–7

MUSCULOSKELETAL SYSTEM

Effects on torque angle curve of differences between the recorded tibia–calcaneal angle and the true anatomical angle. Tardieu C, et al. **Eur J Applied Physiol** 1981;46(1):41–6

MYASTHENIA GRAVIS

Successful treatment by plasmapheresis of respiratory insufficiency in myasthenia gravis. Gerlag PG, et al. **Clin Neurol Neurosurg** 1980;82(4):237–43

MYOCARDIAL DISEASES

[Angiographic frame–by–frame computerized evaluation of overall and regional left ventricular wall motion (author's transl)] Azancot I, et al. **J Physiol (Paris)** 1980;76(7):731–9 (Eng. Abstr.) **(Fre)**

MYOCARDIAL INFARCTION

Early exercise test in the assessment of long–term prognosis after acute myocardial infarction. Saunamäki KI, et al. **Acta Med Scand** 1981;209(3):185–91

The value of anginal pain in exercise testing after myocardial infarction. Cokkinos DV, et al. **Acta Med Scand [Suppl]** 1981; 644:27–30

Significance of integral topocardiography in comprehensive assessment of the myocardial state in ischemic heart disease patients at different times after myocardial infarction. Alymkulov DA, et al. **Adv Cardiol** 1981;28:221–2

Correlation between bicycle ergometric data and integral topography in patients with myocardial infarction. Krasnikov VE, et al. **Adv Cardiol** 1981;28:72–4

Electrocardiotopographic study for physical exercise tolerance assessment in patients with myocardial infarction. Sledzevskaya IK, et al. **Adv Cardiol** 1981;28:183–4

Results of computing and displaying changes of the S–T segment during treadmill tests after myocardial infarction. Yurasov VS, et al. **Adv Cardiol** 1981;28:185–7

Myocardial infarction with normal coronary arteries: a prospective clinical–angiographic study. Betriu A, et al. **Am J Cardiol** 1981 Jul;48(1):28–32

Exercise–induced coronary spasm with S–T segment depression and normal coronary arteriography. Boden WE, et al. **Am J Cardiol** 1981 Jul;48(1):193–7

Predicting the extent and location of coronary artery disease during the early postinfarction period by quantitative thallium–201 scintigraphy. Gibson RS, et al. **Am J Cardiol** 1981 May; 47(5):1010–9

Effects of a prescribed supervised exercise program on mortality and cardiovascular morbidity in patients after myocardial infarction. The National Exercise and Heart Disease Project. Shaw LW. **Am J Cardiol** 1981 Jul;48(1):39–46

Relative role of caloric restriction and exercise training upon susceptibility to isoproterenol–induced myocardial infarction in male rats. Crandall DL, et al. **Am J Clin Nutr** 1981 May; 34(5):841–7

The predictive value of a strongly positive stress test in patients with minimal symptoms. Blumenthal DS, et al. **Am J Med** 1981 May;70(5):1005–10

Acute myocardial infarction induced by ergotamine tartrate: possible role of coronary arterial spasm. Yasue H, et al. **Angiology** 1981 Jun;32(6):414–8

Early post–myocardial infarction treadmill stress testing. An accurate predictor of multivessel coronary disease and subsequent cardiac events. Fuller CM, et al. **Ann Intern Med** 1981 Jun; 94(6):734–9

Limited exercise testing soon after myocardial infarction. Correlation with early coronary and left ventricular angiography. Schwartz KM, et al. **Ann Intern Med** 1981 Jun;94(6):727–34

Early exercise tests after myocardial infarction [editorial] Stang JM, et al. **Ann Intern Med** 1981 Jun;94(6):814–5

Treadmill exercise tests predischarge and six weeks post–myocardial infarction to detect abnormalities of known prognostic value. Starling MR, et al. **Ann Intern Med** 1981 Jun; 94(6):721–7

Cardiac rehabilitation: evaluation and intervention less than 6 weeks after myocardial infarction. Harrington KA, et al. **Arch Phys Med Rehabil** 1981 Apr;62(4):151–5

Exercise training in post–myocardial infarction patients: comparison of results with high risk coronary and post–bypass patients. Hartung GH, et al. **Arch Phys Med Rehabil** 1981 Apr; 62(4):147–50

Secondary prevention in survivors of myocardial infarction. Joint Recommendations by the International Society and Federation of Cardiology, Scientific Councils on Arteriosclerosis, Epidemiology and Prevention, and Rehabilitation. **Br Med J [Clin Res]** 1981 Mar 14;282(6267):894–6

Coronary angiography post first myocardial infarction in the asymptomatic or mildly symptomatic patient: clinical, angiographic, and prospective observations. Mautner RK, et al. **Cathet Cardiovasc Diagn** 1981;7(1):1–11

Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Selwyn AP, et al. **Circulation** 1981 Jul;64(1):83–90

Rest and exercise electrocardiograms and radionuclides in patients presenting for cardiac rehabilitation. Froelicher VF, et al. **Clin Cardiol** 1981 Mar;4(2):59–66

'High–risk' bundle branch block. Rahimtoola SH, et al. **Hosp Pract** 1981 Jan;16(1):73–80, 85–7, 91–2

Computerized quantitation of regional myocardial perfusion in man. Llaurado JG, et al. **Int J Biomed Comput** 1980 Nov; 11(6):501–10

Blunt chest trauma causing myocardial infarction—an unusual football injury. O'Neill S, et al. **Ir Med J** 1981 May; 74(5):138

Optimal methods for identifying depression following hospitalization for myocardial infarction. Taylor CB, et al. **J Chronic Dis** 1981;34(4):127-33

Thallium-201 myocardial scintigraphy: a critical comparison of seven-pinhole tomography and conventional plaaar imaging. Rizi HR, et al. **J Nucl Med** 1981 Jun;22(6):493-9

Exercise testing 10-20 days following acute myocardial infarction. Basta LL, et al. **J Okla State Med Assoc** 1981 Jan;74(1):3-7

Exercise testing soon after uncomplicated myocardial infarction. Prognostic value and safety. Fein SA, et al. **JAMA** 1981 May 8;245(18):1863-8

Exercise compliance and the prevention of a recurrence of myocardial infarction. Shephard RJ, et al. **Med Sci Sports Exerc** 1981;13(1):1-5

'Post-coronary' rehabilitation, body composition, and recurrent infarction. An analysis of data from the Ontario Exercise-Heart Collaborative Study. Shephard RJ. **Nutr Metab** 1980; 24(6):383-95

Pre-discharge exercise testing involving weight carrying after myocardial infarction. Logan R, et al. **NZ Med J** 1981 Feb 11; 93(677):69-71

A field application of exercise testing in ischaemic heart disease. Smit PJ, et al. **S Afr Med J** 1981 Apr 11;59(16):561-2

[Clinical dynamic ECG observations of the physical load tolerance of myocardial infarct patients] Beloev I, et al. **Vutr Boles** 1981; 20(1):60-5 (Eng. Abstr.) **(Bul)**

[Early exercise tests in patients after acute myocardial infarction (author's transl)] Canibal J, et al. **Cas Lek Cesk** 1981 Mar 19; 120(11):321-4 (Eng. Abstr.) **(Cze)**

[Correlations between exercise tests and calculation of energy indices during a training program in the ambulatory period of a stabilized posterior myocardial infarct] Birkui PJ, et al. **G Ital Cardiol** 1980;10(10):1321-7 (Eng. Abstr.) **(Fre)**

[Coronary complications during sports practice: significance] Broustet JP, et al. **Rev Prat** 1981 May 1; 31(25):1837-42, 1845-6 (Eng. Abstr.) **(Fre)**

[Outpatient coronary groups. 1st experiences with high-risk infarct patients after a year's model experiment] Buchbinder W, et al. **Fortschr Med** 1981 Apr 2;99(13):443-6 (Eng. Abstr.) **(Ger)**

[Physiology and pathophysiology of diving] Bühlmann AA. **Schweiz Z Sportmed** 1981 Mar;29(1):5-11 (Eng. Abstr.) **(Ger)**

[Influence of physical training on resting and exercise haemodynamics in patients after acute myocardial infarction (author's transl)] Fitscha P, et al. **Wien Klin Wochenschr** 1981 Jan 23;93(2):45-9 (Eng. Abstr.) **(Ger)**

[Value of thallium-201 myocardial imaging in the non-invasive assessment of aortocoronary bypass patency (author's transl)] Lösse B, et al. **Z Kardiol** 1981 Apr;70(4):231-7 (Eng. Abstr.) **(Ger)**

[Sports, physical activity and risk for coronary heart disease (author's transl)] Pfisterer M. **Z Kardiol** 1981 Feb; 70(2):104-10 (Eng. Abstr.) **(Ger)**

[Clinical usefulness of thallium-201 myocardial scintigraphy with dipyridamole pharmacodynamic test in ischemic heart disease (author's transl)] Tarolo GL, et al. **G Ital Cardiol** 1981; 11(1):94-103 (Eng. Abstr.) **(Ita)**

[Non-reproducibility of some hemodynamic parameters during bicycle ergometric and isometric tests in patients with recent myocardial infarction (author's transl)] Tavazzi L, et al. **G Ital Cardiol** 1981;11(1):37-50 (Eng. Abstr.) **(Ita)**

[Characteristics of oxygen provision of physical exertion in rehabilitation after myocardial infarct complicated by heart aneurysm] Il'iash MG, et al. **Ter Arkh** 1980;52(12):28-31 (Eng. Abstr.) **(Rus)**

[Value of walking exercises in the rehabilitation of patients after myocardial infarct] Sledzevskaia IK, et al. **Ter Arkh** 1980; 52(12):31-4 (Eng. Abstr.) **(Rus)**

MYOGLOBINURIA

Exertional myoglobinaemia in black wildebeest, and the influence of graduated exercise. Harthoorn AM. **J S Afr Vet Assoc** 1980 Dec;51(4):265-70

MYOSITIS

'Turns' analysis in the physiological evaluation of neuromuscular disorders. Garcia HA, et al. **J Neurol Neurosurg Psychiatry** 1980 Dec;43(12):1091-7

MYOTONIA ATROPHICA

'Turns' analysis in the physiological evaluation of neuromuscular disorders. Garcia HA, et al. **J Neurol Neurosurg Psychiatry** 1980 Dec;43(12):1091-7

NARCOTICS

Studies in the primate on the analgetic effects associated with intrathecal actions of opiates, alpha-adrenergic agonists and baclofen. Yaksh TL, et al. **Anesthesiology** 1981 Jun; 54(6):451-67

NASAL CAVITY

Oronasal distribution of respiratory airflow. Niinimaa V, et al. **Respir Physiol** 1981 Jan;43(1):69-75

NASAL MUCOSA

Clinical implications of the diving response [editorial] **Lancet** 1981 Jun 27;1(8235):1403-4

NEUROMUSCULAR DISEASES

Ophthalmoplegia-plus. Its occurrence with periventricular diffuse low density on computed tomography scan. Okamoto T, et al. **Arch Neurol** 1981 Jul;38(7):423-6

Exercise-induced pain, stiffness, and tubular aggregation in skeletal muscle. Brumback RA, et al. **J Neurol Neurosurg Psychiatry** 1981 Mar;44(3):250-4

'Turns' analysis in the physiological evaluation of neuromuscular disorders. Garcia HA, et al. **J Neurol Neurosurg Psychiatry** 1980 Dec;43(12):1091-7

NICOTINAMIDE

Vasodilating actions of 2-nicotinamidoethyl nitrate on porcine and guinea-pig coronary arteries. Furukawa K, et al. **J Pharmacol Exp Ther** 1981 Jul;218(1):248-59

NICOTINIC ACIDS

HDL-cholesterol: the negative risk factor for coronary heart disease. Tan MH. **Ann Acad Med Singapore** 1980 Oct; 9(4):491-5 (63 ref.)

NITROGEN

Changes in concentrations of basic energy-yielding substrates in plasma during maximal effort and postexercise restitution in relation to training level. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(5):453-62

Plasma biochemical changes and acid-base equilibrium changes in capillary blood nursing frequency repeated submaximal physical exercise in untrained subjects. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):601-11

The influence of active gas exchange on the slope of phase III at rest and after exercise. Cormier YF, et al. **Am Rev Respir Dis** 1981 Feb;123(2):213-6

The effect of addition of exercise to a regime of dietary restriction on weight loss, nitrogen balance, resting metabolic rate and spontaneous physical activity in three obese women in a metabolic ward. Warwick PM, et al. **Int J Obes** 1981; 5(1):25-32

Alternate or supplemental energy sources. Birkhahn RH, et al. **JPEN** 1981 Jan-Feb;5(1):24-31 (60 ref.)

[Diving at very great depths] Rostain JC. **Schweiz Z Sportmed** 1981 Mar;29(1):17-22 (Eng. Abstr.) **(Fre)**

[Effect of a hyperbaric nitrogen-oxygen atmosphere on respiratory center activity] Breslav IS, et al. **Kosm Biol Aviakosm Med** 1981 Jan-Feb;15(1):88-9 (Eng. Abstr.) **(Rus)**

NOREPINEPHRINE

Plasma and urinary catecholamines and metabolites during physical exercise in essential hypertension. Chodakowska J, et al. **Acta Physiol Pol** 1980;31(6):623-30

Influence of alpha and beta adrenergic receptors blockade on the adrenolytic effect of muscular work. Janczewska H, et al. **Acta Physiol Pol** 1980;31(5):469-74

Metabolism of 3H-catecholamines in the brain of spontaneously hypersensitive rats (SHR) after running stress. Zukowska-Grójec Z, et al. **Acta Physiol Pol** 1980;31(6):613-22

The influence of H1- and H2-receptor blockade on responses of resistance and capacitance vessels to noradrenaline in working skeletal muscles in cats. Janczewska H, et al. **Agents Actions** 1981 Apr;11(1-2):119-22

I. Maternal cardiovascular and metabolic responses in normal pregnancy. Artal R, et al. **Am J Obstet Gynecol** 1981 May 15; 140(2):123-7

Uneven distribution of postjunctional alpha 1-and alpha 2-like adrenoceptors in canine arterial and venous smooth muscle. De Mey J, et al. **Circ Res** 1981 Jun;48(6 Pt 1):875-84

The sympathetic nervous system and the renin-angiotensin system in borderline hypertension. Henquet JW, et al. **Clin Sci** 1981 Jan; 60(1):25-31

Cardiovascular and autonomic reflexes in haemodialysis patients. Naik RB, et al. **Clin Sci** 1981 Feb;60(2):165-70

Effect of ovulation on the response of the rabbit oviduct to acetylcholine in vitro. Rajkumar K, et al. **Int J Fertil** 1981;

NOREPINEPHRINE

26(1):57-60

The effect of fasting on the hormonal response to graded exercise. Galbo H, et al. **J Clin Endocrinol Metab** 1981 Jun; 52(6):1106-12

Evidence for two separated Ca2+ pathways in smooth muscle plasmalemma. Meisheri KD, et al. **J Membr Biol** 1981 Mar 15; 59(1):19-25

The specific activity of platelet monoamine oxidase varies with platelet count during severe exercise and noradrenaline infusion. Gawel MJ, et al. **Psychopharmacology (Berlin)** 1981; 72(3):275-7

Plasma catecholamines during exercise-induced bronchoconstriction in bronchial asthma. Zieliński J, et al. **Thorax** 1980 Nov;35(11):823-7

The action of bromocriptine on human detrusor muscle. Ron M, et al. **Urol Res** 1980 Dec 19;8(4):207-9

[Short-term submaximum work and its effect on plasma noradrenaline levels (author's transl)] Stejskal P. **Cas Lek Cesk** 1981 Feb 26;120(8):218-23 (Eng. Abstr.) **(Cze)**

OBESITY

Energy expenditure in obese women on a reducing diet. Zahorska-Markiewicz B. **Acta Physiol Pol** 1981 Jan-Feb; 32(1):99-102

Pediatric aspects of atherosclerosis. Voller RD Jr, et al. **Am Heart J** 1981 Jun;101(6):815-36 (261 ref.)

Myocardial infarction with normal coronary arteries: a prospective clinical-angiographic study. Betriu A, et al. **Am J Cardiol** 1981 Jul;48(1):28-32

HDL-cholesterol: the negative risk factor for coronary heart disease. Tan MH. **Ann Acad Med Singapore** 1980 Oct; 9(4):491-5 (63 ref.)

An algebra for adiposity? Skyler JS, et al. **Diabetes Care** 1981 Mar-Apr;4(2):328-9

The influence of body fat on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1981 Mar;24(3):215-22

Rx exercise: effects and side effects. Leach RE. **Hosp Pract** 1981 Jan;16(1):72A-72C, 72G passim

The role of exercise in the treatment of hypertension in obesity. Horton ES. **Int J Obes** 1981;5 suppl 1:165-71 (35 ref.)

Evaluation and component analysis of a comprehensive weight control program. Miller PM, et al. **Int J Obes** 1981; 5(1):57-65

The effect of addition of exercise to a regime of dietary restriction on weight loss, nitrogen balance, resting metabolic rate and spontaneous physical activity in three obese women in a metabolic ward. Warwick PM, et al. **Int J Obes** 1981; 5(1):25-32

Management of obesity in retired and dependent personnel. Trantham GJ. **US Navy Med** 1980 Dec;71(12):18-22

[Treatment of simple obesity with mazindol under sanatorium conditions] Hasik J, et al. **Pol Tyg Lek** 1980 Nov 10; 35(45):1729-31 (Eng. Abstr.) **(Pol)**

[The clinical evaluation of teronac (Mazindol) in the treatment of children with obesity. Part I. Effect of the drug on somatic patterns and exercise capacity (author's transl)] Golebiowska M, et al. **Przegl Lek** 1981;38(2):311-4 (Eng. Abstr.) **(Pol)**

OSTEOARTHRITIS

[Wear measurements of hip prostheses with UHMW polyethylene (RCH-1000) socket and chromium plated protasul-10 head (author's transl)] Afifi KF, et al. **Z Orthop** 1981 Apr; 119(2):157-62 (Eng. Abstr.) **(Ger)**

OXIMETRY

Effects of duration at altitude and acetazolamide on ventilation and oxygenation during sleep. Sutton JR, et al. **Sleep** 1980; 3(3-4):455-64

OXYGEN CONSUMPTION

Force development and metabolism in skeletal muscle of euthyroid and hypothyroid rats. Everts ME, et al. **Acta Endocrinol (Copenh)** 1981 Jun;97(2):221-5

Hemodynamic and metabolic long-term effects of tienilic acid in essential hypertension. Lund-Johansen P. **Acta Med Scand [Suppl]** 1981;646:106-14

Changes in concentrations of basic energy-yielding substrates in plasma during maximal effort and postexercise restitution in relation to training level. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(5):453-62

Plasma biochemical changes and acid-base equilibrium changes in capillary blood nursing frequency repeated submaximal physical exercise in untrained subjects. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):601-11

The cardiovascular effects of ethanol and acetaldehyde in exercising dogs. Stratton R, et al. **Alcoholism (NY)** 1981 Jan; 5(1):56-63

Effects of exercise training on left ventricular mass in patients with ischemic heart disease. Ditchey RV, et al. **Am Heart J** 1981 Jun; 101(6):701-6

Approximate normal standards of maximal cardiac output during upright exercise in women. Hossack KF, et al. **Am J Cardiol** 1981 May;47(5):1080-6

Comparison of the results and reproducibility of arm and leg exercise tests in men with angina pectoris. Lazarus B, et al. **Am J Cardiol** 1981 May;47(5):1075-9

Effect of a meal on the oxygen consumption--heart rate relationship [letter] Schutz Y, et al. **Am J Clin Nutr** 1981 May; 34(5):965-6

Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure. Chatterjee K, et al. **Am J Med** 1981 Jul;71(1):140-6

Partial peripheral resistance to thyroid hormone. Kaplan MM, et al. **Am J Med** 1981 May;70(5):1115-21

Indirect assessment of cardiovascular 'demands' using telemetry on professional football players. Gleim GW, et al. **Am J Sports Med** 1981 May-Jun;9(3):178-83

The influence of active gas exchange on the slope of phase III at rest and after exercise. Cormier YF, et al. **Am Rev Respir Dis** 1981 Feb;123(2):213-6

Energy cost of ambulation with crutches. Fisher SV, et al. **Arch Phys Med Rehabil** 1981 Jun;62(6):250-6

Exercise training using arms and legs versus legs along. Mostardi RA, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):332-5

Cardiovascular stress of crutch walking. Patterson R, et al. **Arch Phys Med Rehabil** 1981 Jun;62(6):257-60

Ergometric and hemodynamic studies on a new cardiotonic agent AR-L 115 BS. Pozenel H. **Arzneimittelforsch** 1981; 31(1a):263-6

Uptake and release of energy substrates, oxygen, and carbon dioxide by the hindlimb of the fasting infant baboon. Levitsky LL, et al. **Biol Neonate** 1981;39(1-2):105-12

Ventilation-perfusion distribution in young and old volunteers during mild exercise. Derks CM. **Bull Eur Physiopathol Respir** 1980;16(2):145-54

Alcohol ingestion and man's ability to adapt to exercise in a cold environment. Graham T. **Can J Appl Sport Sci** 1981 Mar; 6(1):27-31

Continuous vs. interval training: a review for the athlete and the coach. MacDougall D, et al. **Can J Appl Sport Sci** 1981 Jun; 6(2):93-7 (34 ref.)

A laboratory method for determination of anaerobic energy expenditure during sprinting. Thomson JM, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):21-6

Effects of breathing retraining in patients with chronic obstructive pulmonary disease. Casciari RJ, et al. **Chest** 1981 Apr; 79(4):393-8

Similarity of the hemodynamic responses to static and dynamic exercise of small muscle groups. Blomqvist CG, et al. **Circ Res** 1981 Jun;48(6 Pt 2):187-92

Chronic training with static and dynamic exercise: cardiovascular adaptation, and response to exercise. Longhurst JC, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I171-8

Factors determining the blood pressure responses to isometric exercise. Perez-Gonzalez JE. **Circ Res** 1981 Jun; 48(6 Pt 2):176-86 (43 ref.)

Role of sensory nerves in the cardiovascular and respiratory changes with isometric forearm exercise in man. Duncan O, et al. **Clin Sci** 1981 Feb;60(2):145-55

Ratings of perceived exertion at the anaerobic threshold. Purvis JW, et al. **Ergonomics** 1981 Apr;24(4):295-300

Selected biochemical parameters of two sizes of rat skeletal and heart muscle mitochondria at selected intervals of a 16-week endurance training program. Farrar RP, et al. **Eur J Applied Physiol** 1981;46(1):91-102

Plasma vasopressin, renin activity, and aldosterone: effect of exercise and training. Geyssant A, et al. **Eur J Applied Physiol** 1981;46(1):21-30

Increased plasma HDL-cholesterol and apo A-1 in sedentary middle-aged men after physical conditioning. Kiens B, et al. **Eur J Clin Invest** 1980 Jun;10(3):203-9

Maximum aerobic power and body composition during the puberty growth period: similarities and differences between children of two European countries. Rutenfranz J, et al. **Eur J Pediatr** 1981 May;136(2):123-33

Physical working capacity and aerobic work capacity of normal Indian adults. Gupta GD, et al. **Indian J Chest Dis Allied Sci** 1980 Jan-Mar;22(1):16-30

The use of physiological techniques for monitoring of progress during rehabilitation following fractures of the lower limb. Imms FJ. **Int Rehabil Med** 1980;2(4):181-8 (33 ref.)

Reduced training frequencies and maintenance of increased aerobic power. Hickson RC, et al. **Med Sci Sports Exerc** 1981; 13(1):13-6

Time course of the adaptive responses of aerobic power and heart rate to training. Hickson RC, et al. **Med Sci Sports Exerc** 1981;

13(1):17-20

Ventilatory endurance in athletes and non-athletes. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(1):21-6

O2 uptake and work by in situ muscle performing contractions with constant shortening. Stainsby WN, et al. **Med Sci Sports Exerc** 1981;13(1):27-30

Reflex effects on human breathing of breath-by-breath changes of the time profile of alveolar PCO2 during steady hypoxia. Metias EF, et al. **Pfluegers Arch** 1981 Mar;389(3):243-50

Heart rate and rope skipping intensity. Myles WS, et al. **Res Q Exerc Sport** 1981 Mar;52(1):76-9

Effects of swimming and walking on exercise recovery and subsequent swim performance. Siebers LS, et al. **Res Q Exerc Sport** 1981 Mar;52(1):68-75

Design of the mammalian respiratory system. V. Scaling morphometric pulmonary diffusing capacity to body mass: wild and domestic mammals. Gehr P, et al. **Respir Physiol** 1981 Apr;44(1):61-86

Entrainment of breathing rate to movement frequency during work at two intensities. Jasinskas CL, et al. **Respir Physiol** 1980 Dec;42(3):199-209

Respiratory and hemodynamic effects of methadone in pregnant women. Metcalfe J, et al. **Respir Physiol** 1980 Dec;42(3):383-93

Design of the mammalian respiratory system. II Measuring maximum aerobic capacity. Seeherman HJ, et al. **Respir Physiol** 1981 Apr;44(1):11-23

Design of the mammalian respiratory system. III Scaling maximum aerobic capacity to body mass: wild and domestic mammals. Taylor CR, et al. **Respir Physiol** 1981 Apr;44(1):25-37

Ventilatory and pressor response to isometric exercise in normal subjects. Bosisio E, et al. **Respiration** 1980;40(6):337-43

Low-density gas breathing during exercise in chronic obstructive lung disease. Bradley BL, et al. **Respiration** 1980;40(6):311-6

Hemodynamic characteristics in chronic obstructive lung disease as related to cardiac size. Hutsebaut J, et al. **Respiration** 1981;41(1):25-32

Occupationally induced stress, strain and peak loads as related to age. Ilmarinen J, et al. **Scand J Work Environ Health** 1980 Dec;6(4):274-82

[Steady state ergometry: fact or fiction] Vogelaere P, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):61-7 (Eng. Abstr.) **(Fre)**

[Comparative study of four effort tests on nine-year-old children. The value of systolic tension time (author's transl)] Gratas A, et al. **Eur J Applied Physiol** 1981;46(1):55-68 (Eng. Abstr.) **(Fre)**

[Modifications of some cardiorespiratory parameters under a controlled work-load in a group of football players, winners of Italian championship football] Minelli R, et al. **Boll Soc Ital Biol Sper** 1980 Nov 15;56(21):2241-7 (Eng. Abstr.) **(Ita)**

[Effect of motor activity on aerobic performance of healthy subjects] Machinskiĭ GV. **Kosm Biol Aviakosm Med** 1981 Jan-Feb;15(1):54-6 (Eng. Abstr.) **(Rus)**

[Physical work capacity--sex differences] Astrand I, et al. **Lakartidningen** 1980 Dec 3;77(49):4653-7 (Eng. Abstr.) **(Swe)**

PATELLA

Surgical treatment of patellar instability: indications and results. Henry JH, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):82-5

Acute dislocation of the patella resulting in a comminuted patella fracture. A case report. McCarroll JR. **Am J Sports Med** 1981 Mar-Apr;9(2):117-8

[Stress fractures of the patella] Kavan Z, et al. **Beitr Orthop Traumatol** 1981 Mar;28(3):144-7 (Eng. Abstr.) **(Ger)**

PEAK EXPIRATORY FLOW RATE

Incidence of exercise-induced asthma in adult asthmatics. Bundgaard A. **Allergy** 1981 Jan;36(1):23-6

The protective effect and duration of action of metaproterenol aerosol on exercise-induced asthma. Schoeffel RE, et al. **Ann Allergy** 1981 May;46(5):273-5

A controlled trial of ketotifen in exercise-induced asthma. Tanser AR, et al. **Br J Dis Chest** 1980 Oct;74(4):398-402

PECTORALIS MUSCLES

Inspiratory muscle function following abdominal weight exercises in healthy subjects. Merrick J, et al. **Phys Ther** 1981 May;61(5):651-6

PELVIC BONES

[Effects of sport on spinal column and pelvis in development. Radiological analysis (author's transl)] Ghislanzoni R, et al. **Radiol Med (Torino)** 1980 Dec;66(12):915-22 (Eng. Abstr.) **(Ita)**

PERIPHERAL NERVES

Peripheral and central nervous system mechanisms controlling exercise-induced breathing patterns. Vidruk EH, et al. **Exerc Sport Sci Rev** 1980;8:129-47 (67 ref.)

PHONOCARDIOGRAPHY

Exercise and the amplitude of first heart sound in ischemic heart disease and normal subjects. Gupta RC, et al. **Indian Heart J** 1980 Nov-Dec;32(6):349-54

PHRENIC NERVE

[Effect of a hyperbaric nitrogen-oxygen atmosphere on respiratory center activity] Breslav IS, et al. **Kosm Biol Aviakosm Med** 1981 Jan-Feb;15(1):88-9 (Eng. Abstr.) **(Rus)**

PHYSICAL EDUCATION AND TRAINING

Changes in concentrations of basic energy-yielding substrates in plasma during maximal effort and postexercise restitution in relation to training level. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(5):453-62

Effect of training on left ventricular contraction dynamics at rest and during maximal exercise. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):593-600

Experience from the 1980 midnight sun marathon: injuries & training. Caldwell J. **Alaska Med** 1981 Mar-Apr;23(2):18-21

Medication, learning disabilities and physical education. French R, et al. **Am Correct Ther J** 1981 Jan-Feb;35(1):26-30

Effect of endurance training on liver cAMP response to prolonged submaximal exercise. Winder WW, et al. **Am J Physiol** 1981 May;240(5):R330-4

Indirect assessment of cardiovascular 'demands' using telemetry on professional football players. Gleim GW, et al. **Am J Sports Med** 1981 May-Jun;9(3):178-83

Exercise training fails to increase skeletal muscle enzymes in patients with chronic obstructive pulmonary disease. Belman MJ, et al. **Am Rev Respir Dis** 1981 Mar;123(3):256-61

Exercise effects on fitness, lipids, glucose tolerance and insulin levels in young adults. Israel RG, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):336-41

A guide to the prevention of running injuries. Clement DB, et al. **Aust Fam Physician** 1981 Mar;10(3):156-61, 163-4

Exercises for your back. Murtagh JE. **Aust Fam Physician** 1981 Apr;10(4):241

Continuous vs. interval training: a review for the athlete and the coach. MacDougall D, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):93-7 (34 ref.)

Specificity in strength training: a review for the coach and athlete. Sale D, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):87-92 (36 ref.)

Static (isometric) exercise. Retrospection and introspection. Shepherd JT, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I179-88 (96 ref.)

The effect of physical training on plasma lipids and lipoproteins. Ballantyne D, et al. **Clin Cardiol** 1981 Jan;4(1):1-4 (38 ref.)

Muscle fiber splitting in trained and untrained animals. Gonyea WJ. **Exerc Sport Sci Rev** 1980;8:19-39 (71 ref.)

Beneficial effect of endurance training at moderate altitude on adaptation to high altitude. Sen Gupta JU, et al. **Indian J Med Res** 1980 Oct;72:610-8

The role of exercise in the treatment of hypertension in obesity. Horton ES. **Int J Obes** 1981;5 suppl 1:165-71 (35 ref.)

A fitness course for dental students. Shugars DA. **J Dent Educ** 1981 May;45(5):300-2

Patient compliance to individualized home exercise programs. Mulder JA. **J Fam Pract** 1981 Jun;12(6):991-6

The effect of training on some morphological parameters of top-ranking Indian basketball players. Muthiah CM, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):405-12

The influence of endurance training on left ventricular function. Pust B, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):359-64

Movement therapy for alcoholic patients. Tsukue I, et al. **J Stud Alcohol** 1981 Jan;42(1):144-9

Fitness program participation: its effect on worker performance. Shephard RJ, et al. **JOM** 1981 May;23(5):359-63

Reduced training frequencies and maintenance of increased aerobic power. Hickson RC, et al. **Med Sci Sports Exerc** 1981;13(1):13-6

Time course of the adaptive responses of aerobic power and heart rate to training. Hickson RC, et al. **Med Sci Sports Exerc** 1981;13(1):17-20

The female athlete. Hunter LY. **Med Times** 1981 Jun;109(6):48-57

Physical education teachers' initial perceptions of handicapped children. Aloia GF, et al. **Ment Retard** 1980 Apr;18(2):85-7

American Academy of Pediatrics. Committee on Pediatric Aspects of Physical Fitness, Recreation, and Sports. Competitive athletics

PHYSICAL EDUCATION AND

for children of elementary school age. **Pediatrics** 1981 Jun; 67(6):927-8

Peripheral markers of thyroid status unaffected by endurance training in rats. Winder WW, et al. **Pfluegers Arch** 1981 Mar; 389(3):195-8

Physical education for previously unserved severely handicapped children. Broadhead GD. **Rehabil Lit** 1981 Mar-Apr; 42(3-4):86-9

Concerns of teachers about implementing individualized instruction in the physical education setting. Knowles CJ. **Res Q Exerc Sport** 1981 Mar;52(1):48-57

Pygmalion in the gym: a model for the communication of teacher expectations in physical education. Martinek TJ. **Res Q Exerc Sport** 1981 Mar;52(1):58-67

Reflections on the use of the RTE model in physical education. Yerg BJ. **Res Q Exerc Sport** 1981 Mar;52(1):38-47

[Analysis of the content of information transmitted by television on physical conditioning] Brunelle J, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):40-4 (Eng. Abstr.) **(Fre)**

[Electromyographic validation of exercise for physical conditioning] Godin G, et al. **Can J Appl Sport Sci** 1981 Mar; 6(1):45-51 (Eng. Abstr.) **(Fre)**

[Effects of intensive physical training on blood lipids: a study in long-distance runners (author's transl)] Letac B, et al. **Nouv Presse Med** 1981 Feb 14;10(6):403-6 (Eng. Abstr.) **(Fre)**

[Cardiovascular adaptation to exercise and training] Castaigne A, et al. **Rev Prat** 1981 May 1;31(25):1757-8, 1961-2, 1965-71 (Eng. Abstr.) **(Fre)**

[Principles of training technics and the cardiovascular monitoring of training] Cousteau JP. **Rev Prat** 1981 May 1;31(25):1833-6 (Eng. Abstr.) **(Fre)**

[Effects of sporting activities on the psyche of elderly people (author's transl)] Friedrich C, et al. **Aktule Gerontol** 1981 May; 11(3):96-9 (Eng. Abstr.) **(Ger)**

[The behavior of the physical performance capacity and the trainability of the cardio-pulmonary system in elder persons (author's transl)] Hollmann W, et al. **Aktule Gerontol** 1981 May; 11(3):91-5 (Eng. Abstr.) **(Ger)**

[Physical activities in old age - motivations and barriers (author's transl)] Lehr U. **Aktule Gerontol** 1981 May;11(3):100-5 (Eng. Abstr.) **(Ger)**

[Amino acid losses in human sweat. Influence of oral contraceptives, physical exercise and sex on the excretion of amino acids in sweat (author's transl)] Liappis N, et al. **Arch Dermatol Res** 1980;269(3):311-23 (Eng. Abstr.) **(Ger)**

[Physical rehabilitation. A further therapeutic instrument in treatment of coronary disease] Marra S, et al. **Minerva Cardioangiol** 1981 Jan-Feb;29(1-2):19-26 (43 ref.) (Eng. Abstr.) **(Ita)**

[Electromyostimulation in the training and rehabilitation of traumatological and orthopedic patients] Tkachenko SS, et al. **Ortop Travmatol Protez** 1980 Dec;(12):17-20 (Eng. Abstr.) **(Rus)**

[Indicators of general morbidity among students of specialized sports classes] Endropov OV. **Pediatriia** 1980 Dec;(12):10-2 (Eng. Abstr.) **(Rus)**

[Physiological adjustment to physical training at high altitudes] Karvonen J. **Lakartidningen** 1981;78(14):1445-7 (Eng. Abstr.) **(Swe)**

PHYSICAL ENDURANCE

Effect of endurance training on liver cAMP response to prolonged submaximal exercise. Winder WW, et al. **Am J Physiol** 1981 May; 240(5):R330-4

Athletic records and human endurance. Riegel PS. **Am Sci** 1981 May-Jun;69(3):285-90

Determination of resistance settings for anaerobic power testing. Evans JA, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):53-6

Specificity in strength training: a review for the coach and athlete. Sale D, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):87-92 (36 ref.)

The influence of body fat on isometric exercise performance. Petrofsky JS, et al. **Ergonomics** 1981 Mar;24(3):215-22

Genetic and environmental influences on the strength and motor performance of Philadelphia school children. Malina RM, et al. **Hum Biol** 1981 May;53(2):163-79

Beneficial effect of endurance training at moderate altitude on adaptation to high altitude. Sen Gupta JU, et al. **Indian J Med Res** 1980 Oct;72:610-8

An attempt at the classification of adolescents into sprint or endurance types. Kanehisa H, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):441-6

The influence of endurance training on left ventricular function. Pust B, et al. **J Sports Med Phys Fitness** 1980 Dec; 20(4):359-64

Acetazolamide in the mountains [letter] Sutton JR, et al. **Lancet** 1981 Mar 7;1(8219):552-3

Reduced training frequencies and maintenance of increased aerobic power. Hickson RC, et al. **Med Sci Sports Exerc** 1981; 13(1):13-6

Time course of the adaptive responses of aerobic power and heart rate to training. Hickson RC, et al. **Med Sci Sports Exerc** 1981; 13(1):17-20

Ventilatory endurance in athletes and non-athletes. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(1):21-6

[Clinical dynamic ECG observations of the physical load tolerance of myocardial infarct patients] Beloev I, et al. **Vutr Boles** 1981; 20(1):60-5 (Eng. Abstr.) **(Bul)**

[Correlations between the components of the test for the evaluation of physical performance II of the Canadian Association of Health, Physical Education and Recreation] Massicotte D, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):11-5 (Eng. Abstr.) **(Fre)**

[Depranocytic trait and sport in Mali. Apropos of 19 sportsmen carrying the drepanocytic trait in Bamako] Rhaly AG, et al. **Dakar Med** 1980;25(4):339-42 (Eng. Abstr.) **(Fre)**

[Physical load tolerance in mitral and mitral-tricuspid heart defect patients] Muzhilo MS. **Vopr Revm** 1981 Jan-Mar;(1):19-23 (Eng. Abstr.) **(Rus)**

PHYSICAL EXAMINATION

Preparticipation health screening of young athletes. Results of 1268 examinations. Linder CW, et al. **Am J Sports Med** 1981 May-Jun; 9(3):187-93

Ischaemic heart disease in the eighties. Bauer GE. **Aust Fam Physician** 1981 Feb;10(2):56-9

Recurrent transient subluxation of the shoulder. Rowe CR, et al. **J Bone Joint Surg [Am]** 1981 Jul;63A(6):863-72

The effects of controlled exercise on the client with coronary artery disease. Berra K, et al. **Top Clin Nurs** 1981 Jul;3(2):65-75

PHYSICAL FITNESS

Coronary risk factors and physical fitness in healthy middle-aged men. Erikssen J, et al. **Acta Med Scand [Suppl]** 1981; 645:57-64

Nutrition in childhood and its relationships to early somatic growth, body fat, blood pressure, and physical fitness. Boulton J. **Acta Paediatr Scand [Suppl]** 1981;284:1-85

Effect of training on left ventricular contraction dynamics at rest and during maximal exercise. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):593-600

Effects of population changes on psychological and physiological strain in kibbutz communities. Shirom A, et al. **Am J Community Psychol** 1981 Feb;9(1):27-43

Inspiratory muscle training compared with physiotherapy in patients with chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):421-5

Cardiac rehabilitation: evaluation and intervention less than 6 weeks after myocardial infarction. Harrington KA, et al. **Arch Phys Med Rehabil** 1981 Apr;62(4):151-5

Exercise training in post-myocardial infarction patients: comparison of results with high risk coronary and post-bypass patients. Hartung GH, et al. **Arch Phys Med Rehabil** 1981 Apr; 62(4):147-50

Exercise effects on fitness, lipids, glucose tolerance and insulin levels in young adults. Israel RG, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):336-41

Rationale, psychology, philosophy and reason for recreational activities for the frail aged. Harwood E. **Aust Nurses J** 1981 Feb;10(7):38-9, 49

Present views on the Canadian Home Fitness Test. Shephard RJ. **Can Med Assoc J** 1981 Apr 1;124(7):875-9

Sports medicine: specialized care for the athlete in everyone. Wishart D. **Can Med Assoc J** 1981 Apr 1;124(7):919-21

Immunological responses to training in conditioned runners. Hanson PG, et al. **Clin Sci** 1981 Feb;60(2):225-8

Assessment of physical fitness of sedentary and physically active male college students by a modified Harvard step test. Bandyopadhyay B, et al. **Ergonomics** 1981 Jan;24(1):15-20

Physical fitness and mental performance during and after work. Sjöberg H. **Ergonomics** 1980 Oct;23(10):977-85

Increased plasma HDL-cholesterol and apo A-1 in sedentary middle-aged men after physical conditioning. Kiens B, et al. **Eur J Clin Invest** 1980 Jun;10(3):203-9

Maximum aerobic power and body composition during the puberty growth period: similarities and differences between children of two European countries. Rutenfranz J, et al. **Eur J Pediatr** 1981 May;136(2):123-33

The effects of vitamin E on mouse fitness and survival. Blackett AD, et al. **Gerontology** 1981;27(3):133-9

Physical working capacity and aerobic work capacity of normal Indian adults. Gupta GD, et al. **Indian J Chest Dis Allied Sci** 1980 Jan-Mar;22(1):16-30

A fitness course for dental students. Shugars DA. **J Dent Educ** 1981 May;45(5):300-2

A quantitative approach to perceived health status: a validation study. Hunt SM, et al. **J Epidemiol Community Health** 1980 Dec; 34(4):281-6

Fitness program participation: its effect on worker performance.

Shephard RJ, et al. **JOM** 1981 May;23(5):359–63

Advances in the measurement of functional status: construction of aggregate indexes. Stewart AL, et al. **Med Care** 1981 May; 19(5):473–88

Mine rescue workers: their perceived health and absence from work. McKenna SP, et al. **Occup Health (Lond)** 1981 Feb; 33(2):70–4

An 'exercise' in fitness. Seeds R. **Occup Health Saf** 1981 Apr; 50(4):18

The exercise fad: a risk/benefit analysis. Strasser AL. **Occup Health Saf** 1981 Apr;50(4):6–12

Medical care for the fitness revolution. Mann GV. **South Med J** 1981 Mar;74(3):261–3

Fitness evaluation. Hojnacki LH. **Top Clin Nurs** 1981 Jul; 3(2):11–22

[A comparison of hypertensive and dialyzed persons response to physical exercise (author's transl)] Lisý Z, et al. **Cas Lek Cesk** 1981 Feb 26;120(8):224–8 (Eng. Abstr.) **(Cze)**

[Short-term submaximum work and its effect on plasma noradrenaline levels (author's transl)] Stejskal P. **Cas Lek Cesk** 1981 Feb 26;120(8):218–23 (Eng. Abstr.) **(Cze)**

[Physical conditioning and athletic physical conditioning in older persons] Novák J, et al. **Cesk Zdrav** 1981 Mar;29(3):123–6 (Eng. Abstr.) **(Cze)**

[Analysis of the content of information transmitted by television on physical conditioning] Brunelle J, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):40-4 (Eng. Abstr.) **(Fre)**

[Electromyographic validation of exercise for physical conditioning] Godin G, et al. **Can J Appl Sport Sci** 1981 Mar; 6(1):45–51 (Eng. Abstr.) **(Fre)**

[Correlations between the components of the test for the evaluation of physical performance II of the Canadian Association of Health, Physical Education and Recreation] Massicotte D, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):11–5 (Eng. Abstr.) **(Fre)**

[Intercorrelations and variabilities of heart rate at the rest and during exercise in the evaluation of physical fitness] Vogelaere P, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):57–60 (Eng. Abstr.) **(Fre)**

[Aptitude and counter-indications for sports diving] Lederer RJ. **Schweiz Z Sportmed** 1981 Mar;29(1):33–8 (Eng. Abstr.) **(Fre)**

[On a relationship between chronological age and functional age (author's transl)] Beier W. **Aktule Gerontol** 1981 May; 11(3):106–7 (Eng. Abstr.) **(Ger)**

[The behavior of the physical performance capacity and the trainability of the cardio-pulmonary system in elder persons (author's transl)] Hollmann W, et al. **Aktule Gerontol** 1981 May; 11(3):91–5 (Eng. Abstr.) **(Ger)**

[The sports medical profile of Alpinists (author's transl)] Biener K, et al. **MMW** 1981 Mar 27;123(13):508–12 (Eng. Abstr.) **(Ger)**

[Individual achievement capability and performance demand at work] Hettinger T. **Soz Praeventivmed** 1980 Dec; 25(6):397–400 (Eng. Abstr.) **(Ger)**

[The health of working women in the GDR. Results of socio-gynecologic studies on fitness and monitoring] Kruschwitz S, et al. **Z Gesamte Hyg** 1981;27(3):222–5 (Eng. Abstr.) **(Ger)**

[Socio-medical aspects of the selection of military pilots] Castagliuolo PP. **Riv Med Aeronaut Spaz** 1979 Jul–Dec; 42(3–4):259–70 (Eng. Abstr.) **(Ita)**

[Psychophysiological principles in the selection of professional automobile drivers] Vaisman AI, et al. **Gig Tr Prof Zabol** 1981 Apr;(4):13–6 (Eng. Abstr.) **(Rus)**

[The physical fitness of 18-year-old conscripts from the Prešov District] Križ M. **Cesk Zdrav** 1981 Mar;29(3):102–9 (Eng. Abstr.) **(Slo)**

PROPRANOLOL

Chest pain at exercise and coronary heart disease. Areskog NH. **Acta Med Scand [Suppl]** 1981;644:18–21

Relation between ST-depression and chest pain in patients with coronary heart disease receiving no treatment and after beta-blockade and combined alpha-beta-blockade. Nyberg G, et al. **Acta Med Scand [Suppl]** 1981;644:30–3

Influence of alpha and beta adrenergic receptors blockade on the adrenolytic effect of muscular work. Janczewska H, et al. **Acta Physiol Pol** 1980;31(5):469–74

Effect of exercise on glycogen level in the skin of the rat. Pietrzyk K. et al. **Acta Physiol Pol** 1980;31(5):571–3

The influence of H1- and H2-receptor blockade on responses of resistance and capacitance vessels to noradrenaline in working skeletal muscles in cats. Janczewska H. et al. **Agents Actions** 1981 Apr;11(1–2):119–22

Shortened platelet survival time and enhanced heart rate responses after abrupt withdrawal of propranolol from normal subjects. Goldstein RE. et al. **Am J Cardiol** 1981 May;47(5):1115–22

Slow release oxprenolol in angina pectoris: study comparing oxprenolol, once daily, with propranolol, four times daily. Olowoyeye JO. et al. **Am J Cardiol** 1981 May;47(5):1123–7

Modulation of atrioventricular conduction by isometric exercise in human subjects. Ferrari A. et al. **Circ Res** 1981 Jul; 49(1):265–71

Cardiovascular response to static exercise in the conscious cat. Gonyea WJ, et al. **Circ Res** 1981 Jun;48(6 Pt 2):163–9

Left ventricular diastolic performance at rest and during exercise in patients with coronary artery disease. Assessment with first-pass radionuclide angiography. Reduto LA, et al. **Circulation** 1981 Jun;63(6):1228–37

Exercise-induced release of pancreatic polypeptide and its inhibition by propranolol: evidence for adrenergic stimulation. Feurle GE, et al. **Eur J Clin Invest** 1980 Jun;10(3):249–51

[The diagnostic value of bloodless methods and follow-up in young asymptomatic subjects with positive exercise test (author's transl)] Radice M, et al. **G Ital Cardiol** 1979;9(10):1110–7 (Eng. Abstr.) **(Ita)**

PROTECTIVE DEVICES

Sports eye injuries a preventable disease. Vinger PF. **Ophthalmology (Rochester)** 1981 Feb;88(2):108–13

A non-pharmacologic approach to the treatment of exercise-induced bronchospasm. Schachter EN, et al. **Yale J Biol Med** 1980 Nov–Dec;53(6):485–96

PULMONARY DIFFUSING CAPACITY

Design of the mammalian respiratory system. V. Scaling morphometric pulmonary diffusing capacity to body mass: wild and domestic mammals. Gehr P, et al. **Respir Physiol** 1981 Apr; 44(1):61–86

[Gas exchange during physical exercise in disturbed ventilatory function] Feitová S, et al. **Vnitr Lek** 1981 May;27(5):440–8 (Eng. Abstr.) **(Cze)**

[Hyperbaric oxygen and the lung. Pulmonary diffusion in divers with intense and long-term exposure] Viotti G, et al. **Minerva Med** 1981 May 31;72(22):1391–4 (Eng. Abstr.) **(Ita)**

PULMONARY VALVE STENOSIS

Exercise testing in normal individuals and patients with cardiovascular disease. James FW. **Cardiovasc Clin** 1981; 11(2):227–46 (26 ref.)

PULMONARY WEDGE PRESSURE

Lack of sensitivity of measurements of Vd/Vt at rest and during exercise in detection of hemodynamically significant pulmonary vascular abnormalities in collagen vascular disease. Mohsenifar Z, et al. **Am Rev Respir Dis** 1981 May;123(5):508–12

PULSE

Partial peripheral resistance to thyroid hormone. Kaplan MM, et al. **Am J Med** 1981 May;70(5):1115–21

I. Maternal cardiovascular and metabolic responses in normal pregnancy. Artal R, et al. **Am J Obstet Gynecol** 1981 May 15; 140(2):123–7

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2).1138–48

Exercise testing for assessing the effectiveness of digitalis therapy in compensated heart diseases. Cristodorescu R, et al. **Med Interne** 1981 Jan–Mar;19(1):33–42

[Treatment room air temperature and its effects on spiroergometric test results (author's transl)] Přibil M, et al. **Cas Lek Cesk** 1981 Feb 26;120(8):215–8 (Eng. Abstr.) **(Cze)**

[Principles of training technics and the cardiovascular monitoring of training] Cousteau JP. **Rev Prat** 1981 May 1;31(25):1833–6 (Eng. Abstr.) **(Fre)**

[Outpatient coronary groups. 1st experiences with high-risk infarct patients after a year's model experiment] Buchbinder W, et al. **Fortschr Med** 1981 Apr 2;99(13):443–6 (Eng. Abstr.) **(Ger)**

[Criterion for assessing the arterial pressure response to bicycle ergometric loading in the hypertension treatment process] Zamotaev IP, et al. **Kardiologiia** 1981 Mar;21(3):41–4 (Eng. Abstr.) **(Rus)**

[The physical fitness of 18-year-old conscripts from the Prešov District] Križ M. **Cesk Zdrav** 1981 Mar;29(3):102–9 (Eng. Abstr.) **(Slo)**

REGIONAL BLOOD FLOW

The influence of H1- and H2-receptor blockade on responses of resistance and capacitance vessels to noradrenaline in working skeletal muscles in cats. Janczewska H. et al. **Agents Actions** 1981 Apr;11(1–2):119–22

Prolonged isometric exercise. Part 1: Effect on circulation and on renal excretion of sodium and potassium in mild essential hypertension. Parfrey PS. et al. **Hypertension** 1981 Mar–Apr; 3(2):182–7

PHYSICAL FITNESS/SPORTS MEDICINE

REGIONAL BLOOD FLOW

Prolonged isometric exercise. Part 2: Effect on circulation and on renal excretion of sodium and potassium in young males genetically predisposed to hypertension. Parfrey PS, et al. **Hypertension** 1981 Mar–Apr;3(2):188–91

Energy cost of submaximal isometric concentrations in cat fast and slow twitch muscles. Sawka MN, et al. **Pfluegers Arch** 1981 May;390(2):164–8

Noninvasive, nondestructive approaches to cell bioenergetics. Chance B, et al. **Proc Natl Acad Sci USA** 1980 Dec; 77(12):7430–4

Effect of acute exercise stress in cardiac hypertrophy: I. correlation of regional blood flow and qualitative ultrastructural changes. Singh S, et al. **Yale J Biol Med** 1980 Nov–Dec;53(6):459–70

[The reactive hyperemia test; a simple method for testing peripheral arterial circulation during effort] Verhagen PF, et al. **Ned Tijdschr Geneeskd** 1981 Mar 21;125(12):466–9 (Eng. Abstr.) **(Dut)**

RENAL ARTERY OBSTRUCTION

The adaptive changes in the isoenzyme pattern of myosin from hypertrophied rat myocardium as a result of pressure overload and physical training. Rupp H. **Basic Res Cardiol** 1981 Jan–Feb; 76(1):79–88

RESPIRATION

A new method for long-term monitoring of the ballistocardiogram, heart rate, and respiration. Alihanka J, et al. **Am J Physiol** 1981 May;240(5):R384–92

Glucoregulatory and metabolic response to exercise in obese noninsulin-dependent diabetes. Minuk HL, et al. **Am J Physiol** 1981 May;240(5):E458–64

The influence of active gas exchange on the slope of phase III at rest and after exercise. Cormier YF, et al. **Am Rev Respir Dis** 1981 Feb;123(2):213–6

Inspiratory muscle training compared with physiotherapy in patients with chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):421–5

The effects of inspiratory muscle training on exercise performance in chronic airflow limitation. Pardy RL, et al. **Am Rev Respir Dis** 1981 Apr;123(4 Pt 1):426–33

Exercise training in post-myocardial infarction patients: comparison of results with high risk coronary and post-bypass patients. Hartung GH, et al. **Arch Phys Med Rehabil** 1981 Apr; 62(4):147–50

Ventilation-perfusion distribution in young and old volunteers during mild exercise. Derks CM. **Bull Eur Physiopathol Respir** 1980;16(2):145–54

The regularity and interrelation of respiratory and cardiac rhythms at rest and during exercise. Duffin J, et al. **Can J Physiol Pharmacol** 1981 Jan;59(1):84–7

Similarities and dissimilarities between static and dynamic exercise. Asmussen E. **Circ Res** 1981 Jun;48(6 Pt 2):I3–10 (18 ref.)

Cardiovascular response to combined dynamic and static exercise. Kilbom A, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I93–7

Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Perez-Gonzales JF, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I138–48

Role of sensory nerves in the cardiovascular and respiratory changes with isometric forearm exercise in man. Duncan O, et al. **Clin Sci** 1981 Feb;60(2):145–55

Prevalence of diabetic autonomic neuropathy measured by simple bedside tests. Dyrberg T, et al. **Diabetologia** 1981 Mar; 20(3):190–4

Peripheral and central nervous system mechanisms controlling exercise-induced breathing patterns. Vidruk EH, et al. **Exerc Sport Sci Rev** 1980;8:129–47 (67 ref.)

Respiratory performance and grip strength tests on the basketball players of inter-university competition. De AK, et al. **Indian J Physiol Pharmacol** 1980 Oct–Dec;24(4):305–9

Work of breathing in dog during exercise. Saibene F, et al. **J Appl Physiol** 1981 May;50(5):1087–92

Clinical implications of the diving response [editorial] **Lancet** 1981 Jun 27;1(8235):1403–4

Ventilatory endurance in athletes and non-athletes. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(1):21–6

Biomechanics of sit-up exercises. Ricci B, et al. **Med Sci Sports Exerc** 1981;13(1):54–9

Reflex effects on human breathing of breath-by-breath changes of the time profile of alveolar PCO2 during steady hypoxia. Metias EF, et al. **Pfluegers Arch** 1981 Mar;389(3):243–50

Carotid chemoreceptor function in ventilatory and circulatory O2 convection of exercising dogs at low and high altitude. Bouverot P, et al. **Respir Physiol** 1981 Feb;43(2):147–67

Entrainment of breathing rate to movement frequency during work at two intensities. Jasinskas CL, et al. **Respir Physiol** 1980 Dec; 42(3):199–209

Respiratory and hemodynamic effects of methadone in pregnant women. Metcalfe J, et al. **Respir Physiol** 1980 Dec; 42(3):383–93

Oronasal distribution of respiratory airflow. Niinimaa V, et al. **Respir Physiol** 1981 Jan;43(1):69–75

Ventilatory and pressor response to isometric exercise in normal subjects. Bosisio E, et al. **Respiration** 1980;40(6):337–43

Hyperpnea: the common stimulus for bronchospasm in asthma during exercise and voluntary isocapnic hyperpnea. Kivity S, et al. **Respiration** 1980;40(4):169–77

Effects of duration at altitude and acetazolamide on ventilation and oxygenation during sleep. Sutton JR, et al. **Sleep** 1980; 3(3–4):455–64

Venous gas bubble production following cold stress during a no-decompression dive. Dunford R, et al. **Undersea Biomed Res** 1981 Mar;8(1):41–9

A non-pharmacologic approach to the treatment of exercise-induced bronchospasm. Schachter EN, et al. **Yale J Biol Med** 1980 Nov–Dec;53(6):485–96

[Treatment room air temperature and its effects on spiroergometric test results (author's transl)] Přibil M, et al. **Cas Lek Cesk** 1981 Feb 26;120(8):215–8 (Eng. Abstr.) **(Cze)**

[Steady state ergometry: fact or fiction] Vogelaere P, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):61–7 (Eng. Abstr.) **(Fre)**

[Diving at very great depths] Rostain JC. **Schweiz Z Sportmed** 1981 Mar;29(1):17–22 (Eng. Abstr.) **(Fre)**

[Pulmonary fibrosis (author's transl)] Arita K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct; 18(10):696–704 (Eng. Abstr.) **(Jpn)**

[Exercise test in elderly subjects (author's transl)] Fukuchi Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):686–95 (Eng. Abstr.) **(Jpn)**

[Exercise testing in chronic pulmonary emphysema (author's transl)] Kawakami Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):705–10 (Eng. Abstr.) **(Jpn)**

[Ventilatory responses to exercise in the athlete and healthy subjects (author's transl)] Yoshida M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):675–85 (Eng. Abstr.) **(Jpn)**

[Effect of a hyperbaric nitrogen-oxygen atmosphere on respiratory center activity] Breslav IS, et al. **Kosm Biol Aviakosm Med** 1981 Jan–Feb;15(1):88–9 (Eng. Abstr.) **(Rus)**

[Effect of motor activity on aerobic performance of healthy subjects] Machinskiĭ GV. **Kosm Biol Aviakosm Med** 1981 Jan–Feb;15(1):54–6 (Eng. Abstr.) **(Rus)**

[Characteristics of oxygen provision of physical exertion in rehabilitation after myocardial infarct complicated by heart aneurysm] Il'iash MG, et al. **Ter Arkh** 1980;52(12):28–31 (Eng. Abstr.) **(Rus)**

[Physical load tolerance in mitral and mitral-tricuspid heart defect patients] Muzhilo MS. **Vopr Revm** 1981 Jan–Mar;(1):19–23 (Eng. Abstr.) **(Rus)**

RESPIRATORY AIRFLOW

Chronic cough in children: a manifestation of airway hyperreactivity. Cloutier MM, et al. **Pediatrics** 1981 Jan; 67(1):6–12

RESPIRATORY FUNCTION TESTS

Heterogeneity of bronchial asthma. Sub-populations—or different stages of the disease. Aas K. **Allergy** 1981 Jan;36(1):3–14 (60 ref.)

Pulmonary function and exercise gas exchange in survivors of adult respiratory distress syndrome. Elliott CG, et al. **Am Rev Respir Dis** 1981 May;123(5):492–5

Atropine and exercise-induced bronchoconstriction. Chen WY, et al. **Chest** 1981 Jun;79(6):651–6

Respiratory performance and grip strength tests on the basketball players of inter-university competition. De AK, et al. **Indian J Physiol Pharmacol** 1980 Oct–Dec;24(4):305–9

Prevention of asthma with cromolyn. König P. **J Asthma Res** 1981 Jan;18(1):31–3

Exercise performance in chronic obstructive pulmonary diseases. Brown HV, et al. **Med Clin North Am** 1981 May; 65(3):525–47 (97 ref.)

Recent advances in childhood asthma. Sastroasmoro S. **Paediatr Indones** 1980 Nov–Dec;20(11–12):236–87 (197 ref.)

Inspiratory muscle function following abdominal weight exercises in healthy subjects. Merrick J, et al. **Phys Ther** 1981 May; 61(5):651–6

Hemodynamic characteristics in chronic obstructive lung disease as related to cardiac size. Hutsebaut J, et al. **Respiration** 1981; 41(1):25–32

Hyperpnea: the common stimulus for bronchospasm in asthma during exercise and voluntary isocapnic hyperpnea. Kivity S, et al. **Respiration** 1980;40(4):169–77

Protective effects of repeated short sprints in exercise-induced asthma. Schnall RP, et al. **Thorax** 1980 Nov;35(11):828–32

Fitness evaluation. Hojnacki LH. **Top Clin Nurs** 1981 Jul; 3(2):11–22

[Treatment room air temperature and its effects on spiroergometric test results (author's transl)] Přibil M, et al. **Cas Lek Cesk** 1981 Feb 26;120(8):215-8 (Eng. Abstr.) **(Cze)**

[Modifications of some cardiorespiratory parameters under a controlled work-load in a group of football players, winners of Italian championship football] Minelli R, et al. **Boll Soc Ital Biol Sper** 1980 Nov 15;56(21):2241-7 (Eng. Abstr.) **(Ita)**

[Hemodynamic study of the pulmonary circulation in workers with asbestosis with a varying degree of radiologic evidence of pneumoconiosis] Tomasini M, et al. **Med Lav** 1980 Nov-Dec; 71(6):513-21 (Eng. Abstr.) **(Ita)**

[Pulmonary fibrosis (author's transl)] Arita K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct; 18(10):696-704 (Eng. Abstr.) **(Jpn)**

[Exercise test in elderly subjects (author's transl)] Fukuchi Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):686-95 (Eng. Abstr.) **(Jpn)**

[Exercise program for the rehabilitation of patients with chronic severe respiratory failure (author's transl)] Sasaki T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):711-8 (Eng. Abstr.) **(Jpn)**

[Ventilatory responses to exercise in the athlete and healthy subjects (author's transl)] Yoshida M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):675-85 (Eng. Abstr.) **(Jpn)**

REST

Plasma renin activity, aldosterone and cortisol levels during physical exercise in essential hypertension. Ignatowska-Switalska H, et al. **Acta Physiol Pol** 1980;31(6):631-5

Effect of training on left ventricular contraction dynamics at rest and during maximal exercise. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):593-600

Bicycle ergometry criteria of myocardial ischemia in patients with stenosing atherosclerosis of coronary arteries depending on the initial electrocardiogram at rest. Gasilin VS, et al. **Adv Cardiol** 1981;28:188-90

Noninvasive assessment of left ventricular performance in patients with ischemic heart disease: ear densitographic study during uninterrupted treadmill exercise. Sugiura T, et al. **Am J Cardiol** 1981 Jul;48(1):101-5

Lack of sensitivity of measurements of Vd/Vt at rest and during exercise in detection of hemodynamically significant pulmonary vascular abnormalities in collagen vascular disease. Mohsenifar Z, et al. **Am Rev Respir Dis** 1981 May;123(5):508-12

The regularity and interrelation of respiratory and cardiac rhythms at rest and during exercise. Duffin J, et al. **Can J Physiol Pharmacol** 1981 Jan;59(1):84-7

The blood flow through the 'resting' arm during hand-grip contractions. Lind AR, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):1104-9

Chronic training with static and dynamic exercise: cardiovascular adaptation, and response to exercise. Longhurst JC, et al. **Circ Res** 1981 Jun;48(6 Pt 2):1171-8

The forearm blood flow during intermittent hand-grip isometric exercise. Williams CA, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):1110-7

Left ventricular diastolic performance at rest and during exercise in patients with coronary artery disease. Assessment with first-pass radionuclide angiography. Reduto LA, et al. **Circulation** 1981 Jun;63(6):1228-37

Influence of heart rate on systolic time intervals: effects of atrial pacing versus dynamic exercise. Mertens HM, et al. **Clin Cardiol** 1981 Jan;4(1):22-7

Comparison of biosynthetic human insulin and pork insulin during rest, food ingestion, and physical work in insulin-dependent diabetic subjects using a glucose controlled insulin infusion system. Beyer J, et al. **Diabetes Care** 1981 Mar-Apr; 4(2):189-92

Plasma vasopressin, renin activity, and aldosterone: effect of exercise and training. Geyssant A, et al. **Eur J Applied Physiol** 1981;46(1):21-30

Computerized quantitation of regional myocardial perfusion in man. Llaurado JG, et al. **Int J Biomed Comput** 1980 Nov; 11(6):501-10

Myocardial perfusion assessed with thallium-201 and left heart volume measured by radiocardiogram at rest and during exercise in patients with coronary artery disease. Kadota K, et al. **Jpn Circ J** 1981 Feb;45(2):163-70

Acute effects of cigarette smoking on left ventricular function at rest and exercise. Behr MJ, et al. **Med Sci Sports Exerc** 1981; 13(1):9-12

Carotid palpation, coronary heart disease and exercise rehabilitation. Oldridge NB, et al. **Med Sci Sports Exerc** 1981; 13(1):6-8

Cardiac output measured by acetylene rebreathing technique at rest and during exercise. Comparison of results obtained by various calculation procedures. Kanstrup IL, et al. **Pfluegers Arch** 1981 May;390(2):179-85

Hemodynamic characteristics in chronic obstructive lung disease as related to cardiac size. Hutsebaut J, et al. **Respiration** 1981; 41(1):25-32

[Correlations between exercise tests and calculation of energy indices during a training program in the ambulatory period of a stabilized posterior myocardial infarct] Birkui PJ, et al. **G Ital Cardiol** 1980;10(10):1321-7 (Eng. Abstr.) **(Fre)**

[The atrial vectorcardiogram at rest and during exercise. Comparison, by computerized analysis, of normal subjects and patients with mitral stenosis] Astorri E, et al. **G Ital Cardiol** 1980; 10(10):1308-20 (Eng. Abstr.) **(Ita)**

[Hemodynamic study of the pulmonary circulation in workers with asbestosis with a varying degree of radiologic evidence of pneumoconiosis] Tomasini M, et al. **Med Lav** 1980 Nov-Dec; 71(6):513-21 (Eng. Abstr.) **(Ita)**

RHEUMATIC HEART DISEASE

[Physical load tolerance in mitral and mitral-tricuspid heart defect patients] Muzhilo MS. **Vopr Revm** 1981 Jan-Mar;(1):19-23 (Eng. Abstr.) **(Rus)**

RIB FRACTURES

[Scintigraphic diagnosis of sport injuries: multiple fractures of ribs by golf-players (author's transl)] Pohle W, et al. **ROEFO** 1981 Feb;134(2):196-8 (Eng. Abstr.) **(Ger)**

RUNNING

Runner's anemia and iron deficiency. Hunding A, et al. **Acta Med Scand** 1981;209(4):315-8

Metabolism of 3H-catecholamines in the brain of spontaneously hypersensitive rats (SHR) after running stress. Zukowska-Grójec Z, et al. **Acta Physiol Pol** 1980;31(6):613-22

Experience from the 1980 midnight sun marathon: injuries & training. Caldwell J. **Alaska Med** 1981 Mar-Apr;23(2):18-21

Coronary heart disease and sudden death while running [letter] Thompson PD. **Am J Cardiol** 1981 Jun;47(6):1381-2

Exercise-induced asthma. Busse WW. **Am J Sports Med** 1981 May-Jun;9(3):194-6

Herniated lumbar disk associated with running. A review of 10 cases. Guten G. **Am J Sports Med** 1981 May-Jun;9(3):155-9

Achilles tendinitis. Leach RE, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):93-8

Knee rehabilitation after anterior cruciate ligament reconstruction and repair. Paulos L, et al. **Am J Sports Med** 1981 May-Jun; 9(3):140-9

Anterior compartment syndrome: a case report. Pearl AJ. **Am J Sports Med** 1981 Mar-Apr;9(2):119-20

A guide to the prevention of running injuries. Clement DB, et al. **Aust Fam Physician** 1981 Mar;10(3):156-61, 153-4

Heat stroke and community runs [letter] Lee H. **Br Med J** 1981 May 23;282(6277):1705

Heat stroke and community runs [letter] Nicholson MR. **Br Med J [Clin Res]** 1981 May 9;282(6275):1544-5

Iliotibial tract friction syndrome in athletes. McNicol K, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):76-80

A laboratory method for determination of anaerobic energy expenditure during sprinting. Thomson JM, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):21-6

Sports medicine: specialized care for the athlete in everyone. Wishart D. **Can Med Assoc J** 1981 Apr 1;124(7):919-21

Cursive and gelastic epilepsy: case report. Bachman DS, et al. **Clin Electroencephalogr** 1981 Jan;12(1):32-4

Immunological responses to training in conditioned runners. Hanson PG, et al. **Clin Sci** 1981 Feb;60(2):225-8

Adult age trends in record running performances. Stones MJ, et al. **Exp Aging Res** 1980 Oct;6(5):407-16

Rx exercise: effects and side effects. Leach RE. **Hosp Pract** 1981 Jan;16(1):72A-72C, 72G passim

Community running track. **Hospitals** 1981 Jul 1;55(13):35-6

High density lipoprotein cholesterol in young adult weight lifters, runners and untrained subjects. Clarkson PM, et al. **Hum Biol** 1981 May;53(2):251-7

The mandibular repositioning appliance, temporomandibular muscular balance, an athletic performance. Gabaree WF Jr. **J Conn State Dent Assoc** 1981 Mar;55(1):6-8

Jogging! a non-traumatic exercise? Zacharias CK, et al. **J Kans Med Soc** 1980 Dec;81(12):563-5

Physiological and anthropometric determinants of mile run time. Berg K, et al. **J Sports Med Phys Fitness** 1980 Dec; 20(4):390-6

Pregnant jogger: what a record! [news] Korcok M. **JAMA** 1981 Jul 17;246(3):201

Enzyme levels after running [letter] McDonald CA. **JAMA** 1981 Jul 3;246(1):40-1

'Carboloading' and dehydration [letter] Travis SP, et al. **Lancet** 1981 Jun 20;1(8234):1370-1

Dehydration in marathon runners [letter] Travis SP. **Lancet** 1981

RUNNING

Jul 18;2(8238):155

The effect of running on plasma beta-endorphin. Colt EW, et al. **Life Sci** 1981 Apr 6;28(14):1637-40

Achilles tendon disorders in runners. [letter] Fulmer DC. **Med Sci Sports Exerc** 1981;13(1):x-xi

The elimination of a self-injurious avoidance response through a forced running consequence. Borreson PM. **Ment Retard** 1980 Apr;18(2):73-7

The antihypertensive effect of jogging--a hypothesis [letter] Messerli FH. **N Engl J Med** 1981 Jul 30;305(5):286

Marathon man. Daly G. **Nurs Times** 1981 Apr 16;77(16):675

Medical aspects of competitive distance running: guidelines for community physicians. Williams RS, et al. **Postgrad Med** 1981 Jul;70(1):41-4, 47-8, 51

'Joggitis', 'marathonitis' and marathon mania [letter] Grant-Whyte H. **S Afr Med J** 1981 Jun 6;59(24):849-50

Sugar for energy in marathon running [letter] Noakes TD. **S Afr Med J** 1981 Jul 11;60(2):46

Running: immunization against the diseases of hypokinesis. Harvey MA, et al. **Top Clin Nurs** 1981 Jul;3(2):41-51

Running therapy for the depressed client. Sachs ML. **Top Clin Nurs** 1981 Jul;3(2):77-86

[Effects of intensive physical training on blood lipids: a study in long-distance runners (author's transl)] Letac B, et al. **Nouv Presse Med** 1981 Feb 14;10(6):403-6 (Eng. Abstr.) **(Fre)**

[Heritability index for diagnosing talent and aptitude in children and teenagers] Weiss V. **Gegenbaurs Morphol Jahrb** 1980; 126(6):865-72 (Eng. Abstr.) **(Ger)**

SALICYLATES

Modification of urinary elimination of doping agents by simultaneous ingestion of acidic molecules. Bertol E, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):383-6

SCAPULA

[Shoulder injuries in Alpine skiing] Frankenberger A, et al. **Fortschr Med** 1981 May 21;99(19):733-9 (Eng. Abstr.) **(Ger)**

SEMILUNAR CARTILAGES

Medical meniscus repairs. An experimental and morphologic study. Cabaud HE, et al. **Am J Sports Med** 1981 May-Jun; 9(3):129-34

Clinical electromyographic feedback following meniscectomy. A multiple regression experimental analysis. Krebs DE. **Phys Ther** 1981 Jul;61(7):1017-21

[Partial or total meniscectomy?] Widuchowski J, et al. **Chir Narzadow Ruchu Ortop Pol** 1980;45(6):529-33 (Eng. Abstr.) **(Pol)**

SHOULDER

Multiterritorial muscle evaluations for maximal isometric contraction of the deltoid muscle in normal and dystrophic humans. Simard T, et al. **Am J Phys Med** 1981 Jun; 60(3):132-43

Recurrent transient subluxation of the shoulder. Rowe CR, et al. **J Bone Joint Surg [Am]** 1981 Jul;63A(6):863-72

SHOULDER DISLOCATION

Staple capsulorrhaphy for recurrent posterior shoulder dislocation. Tibone JE, et al. **Am J Sports Med** 1981 May-Jun;9(3):135-9

The etiology of downhill ski injuries. Eriksson E, et al. **Exerc Sport Sci Rev** 1980;8:1-17 (69 ref.)

[Shoulder injuries in Alpine skiing] Frankenberger A, et al. **Fortschr Med** 1981 May 21;99(19):733-9 (Eng. Abstr.) **(Ger)**

SHOULDER FRACTURES

[Shoulder injuries in Alpine skiing] Frankenberger A, et al. **Fortschr Med** 1981 May 21;99(19):733-9 (Eng. Abstr.) **(Ger)**

SINOATRIAL NODE

Electrocardiographic evaluation of the bicycle ergometric test in cardiosurgical patients. Kassirsky GI, et al. **Adv Cardiol** 1981; 28:175-7

SKATING

Skateboarding fractures. Hawkins RW, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):99-102

[Roller skaters--more frequently encountered in ambulances. 1st analysis of injuries caused by this fashionable sport] Pfaff G, et al. **Chirurg** 1981 Mar;52(3):178-81 (Eng. Abstr.) **(Ger)**

SKELETON

Unusual dental forensic cases in Norway. Solheim T. **Am J Forensic Med Pathol** 1980 Sep;1(3):197-203

SKIING

Skier's thumb. Surgical treatment of recent injuries to the ulnar collateral ligament of the thumb's metacarpophalangeal joint. Gerber C, et al. **Am J Sports Med** 1981 May-Jun;9(3):171-7

The etiology of downhill ski injuries. Eriksson E, et al. **Exerc Sport Sci Rev** 1980;8:1-17 (69 ref.)

[Lower leg fracture--still the most frequent fracture during skiing? (author's transl)] Lindenmaier HL, et al. **Aktuel Traumatol** 1981 Apr;11(2):52-5 (Eng. Abstr.) **(Ger)**

[Shoulder injuries in Alpine skiing] Frankenberger A, et al. **Fortschr Med** 1981 May 21;99(19):733-9 (Eng. Abstr.) **(Ger)**

[Skiing accidents in children (author's transl)] Schwarzenbach M, et al. **MMW** 1981 Mar 13;123(11):429-33 (Eng. Abstr.) **(Ger)**

[Psychological aspects of young competitive athletes] Huber EG, et al. **Paediatr Padol** 1981;16(2):171-8 (Eng. Abstr.) **(Ger)**

[Severe collisions head injury in skiing (author's transl)] Oh S, et al. **Praxis** 1981 Mar 3;70(10):408-13 (Eng. Abstr.) **(Ger)**

SKIN TEMPERATURE

Thermal responses to exercise in children. Davies CT. **Ergonomics** 1981 Jan;24(1):55-61

Alcohol consumption in rats: effects on work capacity in the heat. Francesconi R, et al. **J Appl Physiol** 1981 May;50(5):1006-10

SMOKING

Physical activity at work and at leisure in relation to coronary risk factors and social class. A 4-year mortality follow-up. The Oslo study. Holme I, et al. **Acta Med Scand** 1981; 209(4):277-83

Coronary risk factors and physical fitness in healthy middle-aged men. Erikssen J, et al. **Acta Med Scand [Suppl]** 1981; 645:57-64

Pediatric aspects of atherosclerosis. Voller RD Jr, et al. **Am Heart J** 1981 Jun;101(6):815-36 (261 ref.)

Myocardial infarction with normal coronary arteries: a prospective clinical-angiographic study. Betriu A, et al. **Am J Cardiol** 1981 Jul;48(1):28-32

Acute myocardial infarction induced by ergotamine tartrate: possible role of coronary arterial spasm. Yasue H, et al. **Angiology** 1981 Jun;32(6):414-8

Clinical aspects of treadmill exercise testing. Tan D. **Ann Acad Med Singapore** 1980 Oct;9(4):456-62

HDL-cholesterol: the negative risk factor for coronary heart disease. Tan MH. **Ann Acad Med Singapore** 1980 Oct; 9(4):491-5 (63 ref.)

Secondary prevention in survivors of myocardial infarction. Joint Recommendations by the International Society and Federation of Cardiology, Scientific Councils on Arteriosclerosis, Epidemiology and Prevention, and Rehabilitation. **Br Med J [Clin Res]** 1981 Mar 14;282(6267):894-6

Evaluation of a self-help education-exercise program for asthmatic children and their parents: six-month follow-up. Staudenmayer H, et al. **J Asthma Res** 1981 Jan;18(1):1-5

Can you alter your heart disease risk? [news] Johnson RS. **JAMA** 1981 May 15;245(19):1903-8

Acute effects of cigarette smoking on left ventricular function at rest and exercise. Behr MJ, et al. **Med Sci Sports Exerc** 1981; 13(1):9-12

Exercise compliance and the prevention of a recurrence of myocardial infarction. Shephard RJ, et al. **Med Sci Sports Exerc** 1981;13(1):1-5

SOCCER

Salter-Harris type-III fracture of the medial femoral condyle occurring in the adolescent athlete. Torg JS, et al. **J Bone Joint Surg [Am]** 1981 Apr;63(4):586-91

[Symptoms and lesions of knees and ankles in former 1956 professional soccer players] Brouwer PJ, et al. **Ned Tijdschr Geneeskd** 1981 May 2;125(18):694-7 (Eng. Abstr.) **(Dut)**

[Hypokinesia, the coagulation-fibrinolysis system and atherosclerosis] De Martino E, et al. **G Clin Med** 1980 Nov; 61(11):822-30 (Eng. Abstr.) **(Ita)**

[Electrocardiographic changes in professional athletes. III. Ventricular repolarization anomalies] Batlouni M. **Arq Bras Cardiol** 1980 Nov;35(5):387-95 (Eng. Abstr.) **(Por)**

SPINAL CORD INJURIES

Diving: a frequent and potentially preventable cause of spinal cord injury. Tator CH, et al. **Can Med Assoc J** 1981 May 15;

124(10):1323–4

Diving injuries to the cervical spinal cord. Scher AT. **S Afr Med J** 1981 Apr 18;59(17):603–5

[Spine injuries due to horse riding. Part 1 (author's transl)] Steinbrück K. **Unfallheilkunde** 1980 Jul;83(7):366–72 (Eng. Abstr.) **(Ger)**

SPINAL INJURIES

Bioengineering analysis of head and spine injuries. Sances A Jr, et al. **CRC Crit Rev Bioeng** 1981;5(2):79–122 (340 ref.)

The effect of abdominal muscle fatigue and training on the intra-abdominal pressure developed during lifting. Legg SJ. **Ergonomics** 1981 Mar;24(3):191–5

A survey of spinal injuries from diving. A study of patients in Pretoria and Cape town. Mennen U. **S Afr Med J** 1981 May 23;59(22):788–90

[Spine injuries due to horse riding. Part 2 (author's transl)] Steinbrück K. **Unfallheilkunde** 1980 Jul;83(7):373–6 (Eng. Abstr.) **(Ger)**

[Spine injuries due to horse riding. Part 1 (author's transl)] Steinbrück K. **Unfallheilkunde** 1980 Jul;83(7):366–72 (Eng. Abstr.) **(Ger)**

SPINE

Backache: lean back and exercise. Evans D. **Nurs Mirror** 1981 Jun 10;152(24):16–9

[Effects of sport on spinal column and pelvis in development. Radiological analysis (author's transl)] Ghislanzoni R, et al. **Radiol Med (Torino)** 1980 Dec;66(12):915–22 (Eng. Abstr.) **(Ita)**

SPIROMETRY

The influence of active gas exchange on the slope of phase III at rest and after exercise. Cormier YF, et al. **Am Rev Respir Dis** 1981 Feb;123(2):213–6

Ventilatory endurance in athletes and non-athletes. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(1):21–6

SPORTS

An epidemiologic study of squash injuries. Berson BL, et al. **Am J Sports Med** 1981 Mar–Apr;9(2):103–6

Skateboarding fractures. Hawkins RW, et al. **Am J Sports Med** 1981 Mar–Apr;9(2):99–102

Preparticipation health screening of young athletes. Results of 1268 examinations. Linder CW, et al. **Am J Sports Med** 1981 May–Jun;9(3):187–93

Athletic records and human endurance. Riegel PS. **Am Sci** 1981 May–Jun;69(3):285–90

Response of type I fibers to weight lifting in rat plantaris. Herbison GJ, et al. **Arch Phys Med Rehabil** 1981 Jul;62(7):342–4

Hypnotic projection in sport. Saxon L. **Aust Fam Physician** 1981 Mar;10(3):185–7

Louisville fan for sixty years. Burcham NA. **CAL** 1981 Apr;44(10):26–8

Coach Tooth and the Tartans. Seeley W. **CAL** 1981 Apr;44(10):15, 18

A factor analytic study of effectiveness criteria in intercollegiate athletics. Chelladurai P, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):81–6

Continuous vs. interval training: a review for the athlete and the coach. MacDougall D, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):93–7 (34 ref.)

Specificity in strength training: a review for the coach and athlete. Sale D, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):87–92 (36 ref.)

Physical activity and sport: attitudes and perceptions of young Canadian athletes. Schutz RW, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):32–9

Physiological responses to weight lifting in different planes. Kumar S. **Ergonomics** 1980 Oct;23(10):987–93

Rx exercise: effects and side effects. Leach RE. **Hosp Pract** 1981 Jan;16(1):72A–72C, 72G passim

Computers to aid athletes' performance [editorial] Llaurado JG. **Int J Biomed Comput** 1981 Jan;12(1):3–5

Survey of rugby injuries. Dineen PF, et al. **Ir Med J** 1981 May;74(5):137

Simulation of modified human airborne movements. Dapena J. **J Biomech** 1981;14(2):81–9

The challenge of mass medicine. Hanna TA. **J Indiana State Med Assoc** 1981 May;74(5):279–80

Body composition and maximal aerobic power of rugby union forwards. Bell W. **J Sports Med Phys Fitness** 1980 Dec;20(4):447–51

Reaction time of hockey players with reference to their field positions. Bhanot JL, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):423–30

A comparison of women intercollegiate basketball players, volleyball players and non-athletes. Morrow JR Jr, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):435–40

Mathematical modelling and simulation of a tennis racket. Brannigan M, et al. **Med Sci Sports Exerc** 1981;13(1):44–53

Ventilatory endurance in athletes and non-athletes. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(1):21–6

The female athlete. Hunter LY. **Med Times** 1981 Jun;109(6):48–57

American Academy of Pediatrics. Committee on Pediatric Aspects of Physical Fitness, Recreation, and Sports. Competitive athletics for children of elementary school age. **Pediatrics** 1981 Jun;67(6):927–8

Factor patterns of variables influencing cohesiveness at various levels of basketball competition. Gruber JJ, et al. **Res Q Exerc Sport** 1981 Mar;52(1):19–30

Trends in the selection of coaches for female athletes: a demographic inquiry. Holmen MG, et al. **Res Q Exerc Sport** 1981 Mar;52(1):9–18

Heart rate and rope skipping intensity. Myles WS, et al. **Res Q Exerc Sport** 1981 Mar;52(1):76–9

Psychometric note on the reliability of the sport competition anxiety test: form C. Rupnow A, et al. **Res Q Exerc Sport** 1981 Mar;52(1):35–7

Exercise-induced injuries. Wassel AC. **Top Clin Nurs** 1981 Jul;3(2):53–64

Standardized ergometer exercise in trained rowers: effect on reversible platelet microaggregates and platelet aggregation. Silberbauer K, et al. **Vasa** 1981;10(1):4–8

[Symptoms and lesions of knees and ankles in former 1956 professional soccer players] Brouwer PJ, et al. **Ned Tijdschr Geneeskd** 1981 May 2;125(18):694–7 (Eng. Abstr.) **(Dut)**

[Sports in old age – a contribution to the development of communicative abilities (author's transl)] Dreisbach W, et al. **Aktule Gerontol** 1981 May;11(3):83–6 (Eng. Abstr.) **(Ger)**

[Effects of sporting activities on the psyche of elderly people (author's transl)] Friedrich C, et al. **Aktule Gerontol** 1981 May;11(3):96–9 (Eng. Abstr.) **(Ger)**

[Physical activities in old age – motivations and barriers (author's transl)] Lehr U. **Aktule Gerontol** 1981 May;11(3):100–5 (Eng. Abstr.) **(Ger)**

[Sport activities of the elderly – results from a random survey (author's transl)] Schlettwein-Gsell D, et al. **Aktule Gerontol** 1981 May;11(3):87–90 (Eng. Abstr.) **(Ger)**

[Roller skaters--more frequently encountered in ambulances. 1st analysis of injuries caused by this fashionable sport] Pfaff G, et al. **Chirurg** 1981 Mar;52(3):178–81 (Eng. Abstr.) **(Ger)**

[Heritability index for diagnosing talent and aptitude in children and teenagers] Weiss V. **Gegenbaurs Morphol Jahrb** 1980;126(6):865–72 (Eng. Abstr.) **(Ger)**

[Psychological aspects of young competitive athletes] Huber EG, et al. **Paediatr Padol** 1981;16(2):171–8 (Eng. Abstr.) **(Ger)**

[Scintigraphic diagnosis of sport injuries: multiple fractures of ribs by golf-players (author's transl)] Pohle W, et al. **ROEFO** 1981 Feb;134(2):196–8 (Eng. Abstr.) **(Ger)**

[Cognitive anxiety theory in the area of sports (state-trait anxiety)] Schwenkmezger P. **Z Exp Angew Psychol** 1980;27(4):607–30 (Eng. Abstr.) **(Ger)**

[Sports, physical activity and risk for coronary heart disease (author's transl)] Pfisterer M. **Z Kardiol** 1981 Feb;70(2):104–10 (Eng. Abstr.) **(Ger)**

[Hypokinesia, the coagulation-fibrinolysis system and atherosclerosis] De Martino E, et al. **G Clin Med** 1980 Nov;61(11):822–30 (Eng. Abstr.) **(Ita)**

[Electrocardiographic changes in professional athletes. III. Ventricular repolarization anomalies] Batlouni M. **Arq Bras Cardiol** 1980 Nov;35(5):387–95 (Eng. Abstr.) **(Por)**

SPORTS MEDICINE

Changes in concentrations of basic energy-yielding substrates in plasma during maximal effort and postexercise restitution in relation to training level. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(5):453–62

Effect of training on left ventricular contraction dynamics at rest and during maximal exercise. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):593–600

Procedures for electrocardiographic monitoring during athletic competition. Gray PR, et al. **Am Correct Ther J** 1981 Mar–Apr;35(2):52–4

A study of the proportions of swimmers among well controls and children with enterovirus-like illness shedding or not shedding an enterovirus. D'Alessio D, et al. **Am J Epidemiol** 1981 May;113(5):533–41

Indirect assessment of cardiovascular 'demands' using telemetry on professional football players. Gleim GW, et al. **Am J Sports Med** 1981 May–Jun;9(3):178–83

The technique of cruciate ligament reconstruction. Lipscomb AB, et al. **Am J Sports Med** 1981 Mar–Apr;9(2):77–81

Heat stroke and community runs [letter] Lee H. **Br Med J** 1981

PHYSICAL FITNESS/SPORTS MEDICINE

SPORTS MEDICINE

May 23;282(6277):1705

General practitioner at the Olympic Games. Massey PM. **Br Med J** 1981 May 23;282(6277):1675–6

Heat stroke and community runs [letter] Nicholson MR. **Br Med J [Clin Res]** 1981 May 9;282(6275):1544–5

Ergonomic aspects of sport and recreation. Reilly T. **Can J Appl Sport Sci** 1981 Mar;6(1):1–10

Prediction of anaerobic capacity: a performance test employing an optimal exercise stress. Thomson JM. **Can J Appl Sport Sci** 1981 Mar;6(1):16–20

A laboratory method for determination of anaerobic energy expenditure during sprinting. Thomson JM, et al. **Can J Appl Sport Sci** 1981 Mar;6(1):21–6

Sports medicine: specialized care for the athlete in everyone. Wishart D. **Can Med Assoc J** 1981 Apr 1;124(7):919–21

Effect of static and dynamic exercise on heart volume, contractility, and left ventricular dimensions. Keul J, et al. **Circ Res** 1981 Jun; 48(6 Pt 2):I162–70

Chronic training with static and dynamic exercise: cardiovascular adaptation, and response to exercise. Longhurst JC, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I171–8

Surgical repair of ruptures of the tendo Achillis. Inglis AE, et al. **Clin Orthop** 1981 May;(156):160–9

Immunological responses to training in conditioned runners. Hanson PG, et al. **Clin Sci** 1981 Feb;60(2):225–8

Anabolic steroids and athletics. Wright JE. **Exerc Sport Sci Rev** 1980;8:149–202 (131 ref.)

High density lipoprotein cholesterol in young adult weight lifters, runners and untrained subjects. Clarkson PM, et al. **Hum Biol** 1981 May;53(2):251–7

Respiratory performance and grip strength tests on the basketball players of inter-university competition. De AK, et al. **Indian J Physiol Pharmacol** 1980 Oct–Dec;24(4):305–9

Biomechanics gait evaluation. Blake RL, et al. **J Am Podiatry Assoc** 1981 Jun;71(6):341–3

Acute tubular necrosis in march haemoglobinuria. Yashpal M, et al. **J Assoc Physicians India** 1980 May–Jun;28(5–6):145–7

A comprehensive model for human motion simulation and its application to the take-off phase of the long jump. Hatze H. **J Biomech** 1981;14(3):135–42

Reversed-phase high-performance liquid chromatographic detection of pemoline in doping control. Cartoni GP, et al. **J Chromatogr** 1980 Dec 5;202(1):131–3

The mandibular repositioning appliance, temporomandibular muscular balance, an athletic performance. Gabaree WF Jr. **J Conn State Dent Assoc** 1981 Mar;55(1):6–8

Body composition and maximal aerobic power of rugby union forwards. Bell W. **J Sports Med Phys Fitness** 1980 Dec; 20(4):447–51

Physiological and anthropometric determinants of mile run time. Berg K, et al. **J Sports Med Phys Fitness** 1980 Dec; 20(4):390–6

Reaction time of hockey players with reference to their field positions. Bhanot JL, et al. **J Sports Med Phys Fitness** 1980 Dec; 20(4):423–30

Lactic acid evolution in relation to work duration during a short anaerobic exhausting exercise. de Bruyn-Prevost P, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):377–82

Body-composition, somatotype and some motor performance of judoists. Farmosi I. **J Sports Med Phys Fitness** 1980 Dec; 20(4):431–4

A study of the enzyme inducing effect of physical exercise in man. The 'trained liver'. Frenkl R, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):371–6

An attempt at the classification of adolescents into sprint or endurance types. Kanehisa H, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):441–6

Prevention of damage by sport activity in hot climates. Keren G, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):452–9

Effects of training on echocardiographic dimensions and systolic time intervals in women swimmers. Lamont LS. **J Sports Med Phys Fitness** 1980 Dec;20(4).397–404

Correlation between efficiency in cycling and maximal power of human extensor muscles. Miyashita M, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):365–70

A comparison of women intercollegiate basketball players, volleyball players and non-athletes. Morrow JR Jr, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):435–40

The effect of training on some morphological parameters of top-ranking Indian basketball players. Muthiah CM, et al. **J Sports Med Phys Fitness** 1980 Dec;20(4):405–12

A study of morphology and body composition of Indian basketball players. Sodhi HS. **J Sports Med Phys Fitness** 1980 Dec; 20(4):413–22

Contempo '81. Sports medicine. Haycock CE. **JAMA** 1981 Jun 5;245(21):2223–5

Summer Olympics to be under ozone cloud [news] Korcok M. **JAMA** 1981 Jul 17;246(3):202

Enzyme levels after running [letter] McDonald CA. **JAMA** 1981 Jul 3;246(1):40–1

Dehydration in marathon runners [letter] Travis SP. **Lancet** 1981 Jul 18;2(8238):155

'Carboloading' and dehydration [letter] Travis SP, et al. **Lancet** 1981 Jun 20;1(8234):1370–1

1981 American College of Sports Medicine annual meeting. May 27–29, 1981, Miami Beach, Florida. Abstracts. **Med Sci Sports Exerc** 1981;13(2):69–140

Aseptic meningitis in a high school football team – Ohio. **MMWR** 1981 Jan 9;29(52):631–7

Unicyclist's sciatica––a case report [letter] Gold S. **N Engl J Med** 1981 Jul 23;305(4):231–2

Computerized system for measurement of force exerted within each pedal revolution during cycling. Brooke JD, et al. **Physiol Behav** 1981 Jan;26(1):139–43

Medical aspects of competitive distance running: guidelines for community physicians. Williams RS, et al. **Postgrad Med** 1981 Jul;70(1):41–4, 47–8, 51

Decreased prostacyclin sensitivity of human platelets after jogging and squash. Burghuber O, et al. **Prostaglandins Med** 1981 Feb; 6(2):127–30

The effect of water deficit on body temperature during rugby. Cohen I, et al. **S Afr Med J** 1981 Jul 4;60(1):11–4

Medical care for the fitness revolution. Mann GV. **South Med J** 1981 Mar;74(3):261–3

[Achillodynia, morphological changes after Kenalog administration (author's transl)] Hudler J, et al. **Acta Chir Orthop Traumatol Cech** 1981 Feb;48(1):84–7 (Eng. Abstr.) **(Cze)**

[Physical conditioning and athletic physical conditioning in older persons] Novák J, et al. **Cesk Zdrav** 1981 Mar;29(3):123–6 (Eng. Abstr.) **(Cze)**

[Mouth protection in sports] Bolhuis JH. **Ned Tijdschr Tandheelkd** 1980 Dec;87(12):455–9 (Eng. Abstr.) **(Dut)**

[Depranocytic trait and sport in Mali. Apropos of 19 sportsmen carrying the drepanocytic trait in Bamako] Rhaly AG, et al. **Dakar Med** 1980;25(4):339–42 (Eng. Abstr.) **(Fre)**

[Evaluation of the cardiovascular fitness for sports. Which sports? For whom?] Broustet JP, et al. **Rev Prat** 1981 May 1; 31(25):1773–4, 1777–8, 1781–3 (Eng. Abstr.) **(Fre)**

[Coronary complications during sports practice: significance] Broustet JP, et al. **Rev Prat** 1981 May 1; 31(25):1837–42, 1845–6 (Eng. Abstr.) **(Fre)**

[Principles of training technics and the cardiovascular monitoring of training] Cousteau JP. **Rev Prat** 1981 May 1;31(25):1833–6 (Eng. Abstr.) **(Fre)**

[The heart of athletes in intensive competition] Cousteau JP. **Rev Prat** 1981 May 1;31(25):1811–2, 1815–6, 1819–20 (Eng. Abstr.) **(Fre)**

[The practice of sports, a treatment for coronary disease] Letac B, et al. **Rev Prat** 1981 May 1;31(25):1795–8, 1801–2, 1805–7 (Eng. Abstr.) **(Fre)**

[Cardiovascular fitness sports in children] Pernot C. **Rev Prat** 1981 May 1;31(25):1785–8, 1793 (Eng. Abstr.) **(Fre)**

[Modifications of some cardiorespiratory parameters under a controlled work-load in a group of football players, winners of Italian championship football] Minelli R, et al. **Boll Soc Ital Biol Sper** 1980 Nov 15;56(21):2241–7 (Eng. Abstr.) **(Ita)**

[Variation in the cardiac dynamics in athletes induced by muscular work. Echocardiographic study. I. Morphological aspects] Cassone R, et al. **Boll Soc Ital Cardiol** 1978;23(5):917–22 (Eng. Abstr.) **(Ita)**

[Hypokinesia, the coagulation-fibrinolysis system and atherosclerosis] De Martino E, et al. **G Clin Med** 1980 Nov; 61(11):822–30 (Eng. Abstr.) **(Ita)**

[The vectorcardiogram pattern of the athlete's heart (author's transl)] Cuomo S, et al. **G Ital Cardiol** 1981;11(1):32–6 (Eng. Abstr.) **(Ita)**

[Sex hygiene of the athlete and related problems] Fraccaroli G, et al. **Minerva Med** 1981 Apr 21;72(16):1017–20 (Eng. Abstr.) **(Ita)**

[Physiopathology of fin swimming. II. Clinical data] Sereni G, et al. **Minerva Med** 1981 May 31;72(22):1405–8 (Eng. Abstr.) **(Ita)**

[Effects of sport on spinal column and pelvis in development. Radiological analysis (author's transl)] Ghislanzoni R, et al. **Radiol Med (Torino)** 1980 Dec;66(12):915–22 (Eng. Abstr.) **(Ita)**

[Electrocardiographic changes in professional athletes. III. Ventricular repolarization anomalies] Batlouni M. **Arq Bras Cardiol** 1980 Nov;35(5):387–95 (Eng. Abstr.) **(Por)**

[Indicators of general morbidity among students of specialized sports classes] Endropov OV. **Pediatriia** 1980 Dec;(12):10–2 (Eng. Abstr.) **(Rus)**

[Thyroid state and thyrotropic function of the pituitary gland in sportsmen during veloergometric exercise] Burkashov AB, et al. **Probl Endokrinol (Mosk)** 1981 Mar–Apr;27(2):21–6 (Eng. Abstr.) **(Rus)**

[Experience in using different types of medical meteorological forecasts] Orményi I. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Mar-Apr;(2):25-9 (Eng. Abstr.) **(Rus)**

[Energy expenditures and the functional state of the neuromuscular system in athletes regulating body weight by use of a low-calorie diet] Shubin VI, et al. **Vopr Pitan** 1981 Jan-Feb;(1):11-5 (Eng. Abstr.) **(Rus)**

SPRAINS AND STRAINS

The etiology of downhill ski injuries. Eriksson E, et al. **Exerc Sport Sci Rev** 1980;8:1-17 (69 ref.)

Exercise-induced injuries. Wassel AC. **Top Clin Nurs** 1981 Jul; 3(2):53-64

[The management of injuries in top-level sportsmen (author's transl)] Comte P. **Praxis** 1981 Mar 31;70(14):606-11 (Eng. Abstr.) **(Fre)**

SUBSTANCE ABUSE

Reversed-phase high-performance liquid chromatographic detection of pemoline in doping control. Cartoni GP, et al. **J Chromatogr** 1980 Dec 5;202(1):131-3

SWEATING

Thermal responses to exercise in children. Davies CT. **Ergonomics** 1981 Jan;24(1):55-61

SWIMMING

A study of the proportions of swimmers among well controls and children with enterovirus-like illness shedding or not shedding an enterovirus. D'Alessio D, et al. **Am J Epidemiol** 1981 May; 113(5):533-41

Role of the neostriatal dopaminergic activity in sequencing and selecting behavioural strategies: facilitation of processes involved in selecting the best strategy in a stressful situation. Cools AR. **Behav Brain Res** 1980 Oct;1(5):361-78

Determination of fish swimming speed by ultrasonic telemetry. Voegeli FA, et al. **Biotelem Patient Monit** 1980;7(3-4):215-20

Reduction of anxiety in aquaphobics. Egan S. **Can J Appl Sport Sci** 1981 Jun;6(2):68-71

Increased acetyl carnitine in rat skeletal muscle as a result of high-intensity short-duration exercise. Implications in the control of pyruvate dehydrogenase activity. Carter AL, et al. **FEBS Lett** 1981 Apr 6;126(1):21-4

Rx exercise: effects and side effects. Leach RE. **Hosp Pract** 1981 Jan;16(1):72A-72C, 72G passim

An outbreak of otitis externa in competitive swimmers due to Pseudomonas aeruginosa. Reid TM, et al. **J Hyg (Lond)** 1981 Jun;86(3):357-62

Diminution in the size of the thymus in mice during forced swimming. Reyes MP, et al. **J Infect Dis** 1981 Feb;143(2):292

Primary amoebic meningoencephalitis: a report of two cases and antibiotic and immunologic studies. Stevens AR, et al. **J Infect Dis** 1981 Feb;143(2):193-9

Swimming by laryngectomees. Edwards N. **J Laryngol Otol** 1981 May;95(5):535-6

Neuronal basis of leech swimming: separation of swim initiation, pattern generation, and intersegmental coordination by selective lesions. Weeks JC. **J Neurophysiol** 1981 Apr;45(4):698-723

Effects of training on echocardiographic dimensions and systolic time intervals in women swimmers. Lamont LS. **J Sports Med Phys Fitness** 1980 Dec;20(4):397-404

Are water and tympanotomy tubes compatible? Jaffe BF. **Laryngoscope** 1981 Apr;91(4):563-4

Swimming aids for laryngectomees. Honeysett J. **Nurs Times** 1981 Jun 11;77(24):1045-6

Short-term behavioral effects of posterior pituitary peptides in mice. Meisenberg G. **Peptides (Fayetteville)** 1981 Spring; 2(1):1-8

Stress and morphine analgesia: alterations following p-chlorophenylalanine. Bodnar RJ, et al. **Pharmacol Biochem Behav** 1981 May;14(5):645-51

Relation between physiological effects of gravitational forces and that of magnetic forces. Saiki H. et al. **Physiologist** 1980 Dec; 23(Suppl 6):S149-50

Effects of swimming and walking on exercise recovery and subsequent swim performance. Siebers LS, et al. **Res Q Exerc Sport** 1981 Mar;52(1):68-75

[Physical conditioning and athletic physical conditioning in older persons] Novák J, et al. **Cesk Zdrav** 1981 Mar;29(3):123-6 (Eng. Abstr.) **(Cze)**

[Swimming as therapy in diseases and injuries of the motor apparatus] Presber W. **Beitr Orthop Traumatol** 1981 Mar; 28(3):164-74 (Eng. Abstr.) **(Ger)**

[Simplified swimming test of the mouse. Brief report] Klaus S, et al. **Z Versuchstierkd** 1980;22(5-6):296-8 (Eng. Abstr.) **(Ger)**

[Blood coagulation in immersion in high altitudes] Scotto P. et al. **Boll Soc Ital Biol Sper** 1981 Jan 30;57(2):235-9 (Eng. Abstr.) **(Ita)**

[Physical rehabilitation. A further therapeutic instrument in treatment of coronary disease] Marra S, et al. **Minerva Cardioangiol** 1981 Jan-Feb;29(1-2):19-26 (43 ref.) (Eng. Abstr.) **(Ita)**

[Physiopathology of fin swimming. II. Clinical data] Sereni G, et al. **Minerva Med** 1981 May 31;72(22):1405-8 (Eng. Abstr.) **(Ita)**

[Ventilatory responses to exercise in the athlete and healthy subjects (author's transl)] Yoshida M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1980 Oct;18(10):675-85 (Eng. Abstr.) **(Jpn)**

TACHYCARDIA

To run or not to run - that is the question and reply: ascorbate (Vit. C) utilisation and stressful physical exertion. Mowle AF. **Australas Nurses J** 1981 Jan-Feb;10(2):29-30

The effects of oral doses of theophylline and fenoterol on exercise-induced asthma. Eggleston PA, et al. **Chest** 1981 Apr; 79(4):399-405

TALUS

[Pathology of sports injuries of the foot] Pisani G. **Minerva Med** 1981 May 7;72(18):1139-42 (Eng. Abstr.) **(Ita)**

TARSAL JOINT

[Pathology of sports injuries of the foot] Pisani G. **Minerva Med** 1981 May 7;72(18):1139-42 (Eng. Abstr.) **(Ita)**

TASK PERFORMANCE AND ANALYSIS

Factor patterns of variables influencing cohesiveness at various levels of basketball competition. Gruber JJ, et al. **Res Q Exerc Sport** 1981 Mar;52(1):19-30

Task classification and strategy utilization in motor skills. Singer RN, et al. **Res Q Exerc Sport** 1981 Mar;52(1):100-16

TENDINITIS

Achilles tendinitis. Leach RE, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):93-8

Exercise-induced injuries. Wassel AC. **Top Clin Nurs** 1981 Jul; 3(2):53-64

[Achillodynia, morphological changes after Kenalog administration (author's transl)] Hudler J, et al. **Acta Chir Orthop Traumatol Cech** 1981 Feb;48(1):84-7 (Eng. Abstr.) **(Cze)**

[The management of injuries in top-level sportsmen (author's transl)] Comte P. **Praxis** 1981 Mar 31;70(14):606-11 (Eng. Abstr.) **(Fre)**

[Physiopathology of fin swimming. II. Clinical data] Sereni G, et al. **Minerva Med** 1981 May 31;72(22):1405-8 (Eng. Abstr.) **(Ita)**

TENDONS

Posterior problems in the knee. Posterior cruciate insufficiency and posterolateral rotatory insufficiency. Fleming RE Jr, et al. **Am J Sports Med** 1981 Mar-Apr;9(2):107-13

Central projections from ergoreceptors (C fibers) in muscle involved in cardiopulmonary responses to static exercise. Kalia M, et al. **Circ Res** 1981 Jun;48(6 Pt 2):I48-62

Effect of adjuvant induced arthritis on the mechanical properties and thermal behavior of skin and tendon. Kuberasampath T, et al. **Connect Tissue Res** 1981;8(2):93-100

Age-dependence of collagen tail fiber breaking strength in Sprague-Dawley and Fischer 344 rats. Bochantin J, et al. **Exp Gerontol** 1981;16(1):101-6

The biochemical properties of connective tissue in rabbits as influenced by short-term glucocorticoid treatment. Oxlund H, et al. **J Biomech** 1981;14(3):129-33

Factors of safety in the structure of animals. Alexander RM. **Sci Prog** 1981 Spring;67(265):109-30 (44 ref.)

TENNIS

Mathematical modelling and simulation of a tennis racket. Brannigan M, et al. **Med Sci Sports Exerc** 1981;13(1):44-53

[Sports and eye injuries. Racket sports caused 40%] Petrelius A. **Lakartidningen** 1980 Dec 3;77(49):4648-52 (Eng. Abstr.) **(Swe)**

THEOPHYLLINE

Pretreatment of exercise-induced asthma in adults with aerosols and pulverized tablets. Bundgaard A, et al. **Allergy** 1980 Dec; 35(8):639-45

The effects of oral doses of theophylline and fenoterol on exercise-induced asthma. Eggleston PA, et al. **Chest** 1981 Apr;

THEOPHYLLINE

79(4):399-405

Clinical efficacy trial: theophylline vs (dl) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-di Grassi C, et al. **Int J Clin Pharmacol Ther Toxicol** 1980 Dec; 18(12):518-22

Theophylline: the concept of sustained action. Tinkelman D. **J Asthma** 1981 Jan;18(1):35-7

Chronic cough in children: a manifestation of airway hyperreactivity. Cloutier MM, et al. **Pediatrics** 1981 Jan; 67(1):6-12

THORACIC INJURIES

Blunt chest trauma causing myocardial infarction--an unusual football injury. O'Neill S, et al. **Ir Med J** 1981 May; 74(5):138

THORAX

Chest pain at exercise and coronary heart disease. Areskog NH. **Acta Med Scand [Suppl]** 1981;644:18-21

Quantitative evaluation of chest pain. Borg G, et al. **Acta Med Scand [Suppl]** 1981;644:43-5

Angina-like chest pain in patients with oesophageal dysfunction. Tibbling L. **Acta Med Scand [Suppl]** 1981;644:56-9

A comparative study of body composition of urban and rural Japanese boys 12 to 14 years old. Anzai I, et al. **Ann Hum Biol** 1981 Mar-Apr;8(2):109-17

Some anthropometric and functional dimensions of the pygmy (Kivu Twa). Ghesquiere JL, et al. **Ann Hum Biol** 1981 Mar-Apr; 8(2):119-34

[Effect of a hyperbaric nitrogen-oxygen atmosphere on respiratory center activity] Breslav IS, et al. **Kosm Biol Aviakosm Med** 1981 Jan-Feb;15(1):88-9 (Eng. Abstr.) **(Rus)**

THYROID HORMONES

Force development and metabolism in skeletal muscle of euthyroid and hypothyroid rats. Everts ME, et al. **Acta Endocrinol (Copenh)** 1981 Jun;97(2):221-5

Partial peripheral resistance to thyroid hormone. Kaplan MM, et al. **Am J Med** 1981 May;70(5):1115-21

THYROXINE

Effect of adjuvant induced arthritis on the mechanical properties and thermal behavior of skin and tendon. Kuberasampath T, et al. **Connect Tissue Res** 1981;8(2):93-100

The effect of a high calory diet on hormonal changes in young men during prolonged physical strain and sleep deprivation. Opstad PK, et al. **Eur J Applied Physiol** 1981;46(1):31-9

Peripheral markers of thyroid status unaffected by endurance training in rats. Winder WW, et al. **Pfluegers Arch** 1981 Mar; 389(3):195-8

TIBIA

Iliotibial tract friction syndrome in athletes. McNicol K, et al. **Can J Appl Sport Sci** 1981 Jun;6(2):76-80

Effects on torque angle curve of differences between the recorded tibia-calcaneal angle and the true anatomical angle. Tardieu C, et al. **Eur J Applied Physiol** 1981;46(1):41-6

Bone-block iliotibial-band transfer for anterior cruciate insufficiency. Insall J, et al. **J Bone Joint Surg [Am]** 1981 Apr; 63(4):560-9

[Avulsions and fractures of the tuberositas tibiae (author's transl)] Schwarzkopf W, et al. **Unfallheilkunde** 1980 Jul;83(7):360-5 (Eng. Abstr.) **(Ger)**

[The stresses in femur (author's transl)] Rohlmann A, et al. **Z Orthop** 1981 Apr;119(2):163-6 (Eng. Abstr.) **(Ger)**

TIBIAL FRACTURES

The etiology of downhill ski injuries. Eriksson E, et al. **Exerc Sport Sci Rev** 1980;8:1-17 (69 ref.)

[Lower leg fracture--still the most frequent fracture during skiing? (author's transl)] Lindenmaier HL, et al. **Aktuel Traumatol** 1981 Apr;11(2):52-5 (Eng. Abstr.) **(Ger)**

[Avulsions and fractures of the tuberositas tibiae (author's transl)] Schwarzkopf W, et al. **Unfallheilkunde** 1980 Jul;83(7):360-5 (Eng. Abstr.) **(Ger)**

[Electromyostimulation in the training and rehabilitation of traumatological and orthopedic patients] Tkachenko SS, et al. **Ortop Travmatol Protez** 1980 Dec;(12):17-20 (Eng. Abstr.) **(Rus)**

TIDAL VOLUME

Lack of sensitivity of measurements of Vd/Vt at rest and during exercise in detection of hemodynamically significant pulmonary vascular abnormalities in collagen vascular disease. Mohsenifar Z, et al. **Am Rev Respir Dis** 1981 May;123(5):508-12

Effects of breathing retraining in patients with chronic obstructive pulmonary disease. Casciari RJ, et al. **Chest** 1981 Apr; 79(4):393-8

Ventilatory endurance in athletes and non-athletes. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(1):21-6

Reflex effects on human breathing of breath-by-breath changes of the time profile of alveolar PCO2 during steady hypoxia. Metias EF, et al. **Pfluegers Arch** 1981 Mar;389(3):243-50

TOE JOINT

[Rare type of epiphyseolysis (author's transl)] Horský I, et al. **Acta Chir Orthop Traumatol Cech** 1981 Feb;48(1):88-90 (Eng. Abstr.) **(Slo)**

TOOTH FRACTURES

[Mouth protection in sports] Bolhuis JH. **Ned Tijdschr Tandheelkd** 1980 Dec;87(12):455-9 (Eng. Abstr.) **(Dut)**

TRACK AND FIELD

Changes in concentrations of basic energy-yielding substrates in plasma during maximal effort and postexercise restitution in relation to training level. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(5):453-62

Effect of training on left ventricular contraction dynamics at rest and during maximal exercise. Markiewicz K, et al. **Acta Physiol Pol** 1980;31(6):593-600

A comprehensive model for human motion simulation and its application to the take-off phase of the long jump. Hatze H. **J Biomech** 1981;14(3):135-42

State anxiety as a function of skill level and proximity to competition. Huddleston S, et al. **Res Q Exerc Sport** 1981 Mar; 52(1):31-4

[Thyroid state and thyrotropic function of the pituitary gland in sportsmen during veloergometric exercise] Burkashov AB, et al. **Probl Endokrinol (Mosk)** 1981 Mar-Apr;27(2):21-6 (Eng. Abstr.) **(Rus)**

TRANQUILIZING AGENTS

Medication, learning disabilities and physical education. French R, et al. **Am Correct Ther J** 1981 Jan-Feb;35(1):26-30

TRICUSPID VALVE INSUFFICIENCY

[Physical load tolerance in mitral and mitral-tricuspid heart defect patients] Muzhilo MS. **Vopr Revm** 1981 Jan-Mar;(1):19-23 (Eng. Abstr.) **(Rus)**

PHYSICAL FITNESS/SPORTS MEDICINE

A

Aakvaag A see **Opstad PK**
Äärynen M, Mäkelä M, Hämeenaho P, et al: Prazosin enhances the antihypertensive effects of beta-blockers during isometric and dynamic exercise. Ann Clin Res 1981 Apr;13(2):71-6
Aas K: Heterogeneity of bronchial asthma. Sub-populations--or different stages of the disease. Allergy 1981 Jan;36(1):3-14 (60 ref.)
Abdel-Salam E see **Atfy AK**
Abdulkader TA see **Yashpal M**
Abelin T see **Schlettwein-Gsell D**
Adali S see **Brannigan M**
Adams HR see **Parker JL**
Adolfsson J, Ljungqvist A, Tornling G, et al: Capillary increase in the skeletal muscle of trained young and adult rats. J Physiol (Lond) 1981 Jan;310:529-32
Afifi KF, Jacob HA: Verschleissmessung bei Hüft-Totalendoprothesen mit Polyäthylenpfanne (RCH-1000) und hartverchromtem Protasul-10 Kopf. Z Orthop 1981 Apr; 119(2):157-62 (Eng. Abstr.) **(Ger)**
Aglietti P see **Insall J**
Agner E see **Gyntelberg F**
Aguggini G see **Saibene F**
Ahlers J see **Schwarzkopf W**
Aksoy MO see **Driska SP**
Albrink MJ see **Israel RG**
Alekseenko AV see **Zamotaev IP**
Alev KP see **Sééne TP**
Alexander GD, Schreiner RJ, Smiler BJ, et al: Maximal inspiratory volume and postoperative pulmonary complications. Surg Gynecol Obstet 1981 May;152(5):601-3
Alexander RM: Factors of safety in the structure of animals. Sci Prog 1981 Spring;67(265):109-30 (44 ref.)
Alexandre G see **Cerrina J**
Alihanka J, Vaahtoranta K, Saarikivi I: A new method for long-term monitoring of the ballistocardiogram, heart rate, and respiration. Am J Physiol 1981 May;240(5):R384-92
Allen CI see **D'Alessio D**
Allsop KG, Ziter FA: Loss of strength and functional decline in Duchenne's dystrophy. Arch Neurol 1981 Jul;38(7):406-11
Aloia GF, Knutson R, Minner SH, et al: Physical education teachers' initial perceptions of handicapped children. Ment Retard 1980 Apr;18(2):85-7
Aloni D see **Shoenfeld Y**
Alpert BS, Kartodihardjo W, Harp R, et al: Exercise blood pressure response--a predictor of severity of aortic stenosis in children. J Pediatr 1981 May;98(5):763-5
Alvarez H see **Gonzalez Panizza VH**
Alymkulov DA, Bykhovsky VM, Cherkis MI, et al: Significance of integral topocardiography in comprehensive assessment of the myocardial state in ischemic heart disease patients at different times after myocardial infarction. Adv Cardiol 1981;28:221-2
Amiel D see **Woo SL**
Ammann A see **Gehr P**
Amosova EN see **Gritsiuk AI**
Amsterdam EA, Laslett LJ, Dressendorfer RH, et al: Exercise training in coronary heart disease: is there a cardiac effect? Am Heart J 1981 Jun;101(6):870-3
Andersen KL see **Rutenfranz J**
Anderson SD see **Schoeffel RE**
Anzai I, Sakamoto K, Togo M, et al: A comparative study of body composition of urban and rural Japanese boys 12 to 14 years old. Ann Hum Biol 1981 Mar-Apr;8(2):109-17
Aquilani R see **Minelli R**
Arblaster CI, Blackman GL: Drugs in sport: the extent of the problem, toxic effects, and control. Aust Fam Physician 1981 Mar;10(3):145-6, 148
Ardissino D see **Gavazzi A**
Aresini G see **Tomasini M**
Areskog NH: Chest pain at exercise and coronary heart disease. Acta Med Scand [Suppl] 1981;644:18-21
Arita K, Nishida O: [Pulmonary fibrosis (author's transl)] Nippon Kyobu Shikkan Gakkai Zasshi 1980 Oct;18(10):696-704 (Eng. Abstr.) **(Jpn)**
Arnold B see **Dreisbach W**
Arnold S see **Massie B**
Arosio A see **Bosisio E**
Artal R, Platt LD, Sperling M, et al: I. Maternal cardiovascular and metabolic responses in normal pregnancy. Am J Obstet Gynecol 1981 May 15;140(2):123-7
Asmussen E: Similarities and dissimilarities between static and dynamic exercise. Circ Res 1981 Jun;48(6 Pt 2):13-10 (18 ref.)
Asp N see **Sowers JR**
Astorri E, Cuminetti S, Pasini GP, et al: Vettorcardioramma atriale a riposo e durante esercizio. Confronto, mediante analisi computerizzata, fra soggetti normali e pazienti con stenosi mitralica. G Ital Cardiol 1980;10(10):1308-20 (Eng. Abstr.) **(Ita)**
Astrand I, Kilbom A: Fysisk arbetsförmåga--skillnader mellan könen. Lakartidningen 1980 Dec 3;77(49):4653-7 (Eng. Abstr.) **(Swe)**
Atfy AK, Abdel-Salam E, Maraghi S, et al: Physiotherapeutic management for rachitic children with special reference to hypotonia. J Egypt Med Assoc 1978;61(7-8):543-52
Aurich I see **Kruschwitz S**
Aurisch R see **Röseler E**
Avdon'ev AN see **Tkachenko SS**
Axen K see **Merrick J**
Ayoub MM see **Mital A**
Azancot I, Slama R, Bouvrain Y: Evaluation de la cinétique de la contraction ventriculaire gauche globale et régionale. Etude angiographique image par image sur mini-ordinateur. J Physiol (Paris) 1980;76(7):731-9 (Eng. Abstr.) **(Fre)**

B

Babiĭ ZN see **Chedorova ZP**
Bachman DS, Shultz J, Cooper R: Cursive and gelastic epilepsy: case report. Clin Electroencephalogr 1981 Jan;12(1):32-4
Baĭbakova TG see **Martynov AA**
Bakharev AM see **Prudnikov VM**
Balboni A see **De Martino E**
Baldwin KM see **Tibbits GF**
Ballantyne D, Clark RS, Ballantyne FC: The effect of physical training on plasma lipids and lipoproteins. Clin Cardiol 1981 Jan; 4(1):1-4 (38 ref.)
Ballantyne FC see **Ballantyne D**
Ballantyne GH, Croxson MS: The effect of exercise, thyroid status and insulin-induced hypoglycaemia on the Achilles tendon reflex

PHYSICAL FITNESS/SPORTS MEDICINE

time in man. Eur J Applied Physiol 1981;46(1):77-83

Bamrah VS see **Llaurado JG**

Bandyopadhyay B, Chattopadhyay H: Assessment of physical fitness of sedentary and physically active male college students by a modified Harvard step test. Ergonomics 1981 Jan;24(1):15-20

Bang F see **Mosdal C**

Barbee RW see **Stainsby WN**

Bardou A see **Birkui PJ**

Barnard RJ see **Tibbits GF**

Barnes WS: Isokinetic fatigue curves at different contractile velocities. Arch Phys Med Rehabil 1981 Feb;62(2):66-9

Baron JB see **Engel JC**

Barthes P see **Letac B**

Basta LL, Rumbaugh B, Shallenburger D: Exercise testing 10-20 days following acute myocardial infarction. J Okla State Med Assoc 1981 Jan;74(1):3-7

Batlouni M: Alterações electrocardiográficas em atletas profissionais. III. Anomalias da repolarização ventricular. Arq Bras Cardiol 1980 Nov;35(5):387-95 (Eng. Abstr.) **(Por)**

Bauer GE: Ischaemic heart disease in the eighties. Aust Fam Physician 1981 Feb;10(2):56-9

Bauer P see **Friedrich C**

Beech RB see **Brand PW**

Beasley PP see **Eggleston PA**

Becker W, Kristeva R: Cerebral potentials prior to various force deployments. Prog Brain Res 1980;54:189-94

Behn P, Burtzik K, Ziesenhenn K: Verhalten von Herzfrequenz und Blutdruck unter Belastung - ein Kriterium für die Differentialtherapie der Hypertonie? Z Gesamte Inn Med 1980 Dec 15;35(24):866-73 (Eng. Abstr.) **(Ger)**

Behr MJ, Leong KH, Jones RH: Acute effects of cigarette smoking on left ventricular function at rest and exercise. Med Sci Sports Exerc 1981;13(1):9-12

Beier W: Uber einen quantitativen Zusammenhang zwischen dem kalendarischen und dem biologischen Alter eines Menschen. Aktule Gerontol 1981 May;11(3):106-7 (Eng. Abstr.) **(Ger)**

Bélanger J see **Cormier YF**

Belfield PW see **Watt SJ**

Belinskaia TF see **Martynov AA**

Bell CW see **Berg K**

Bell JA: Eye trauma in sports: a preventable epidemic [editorial] JAMA 1981 Jul 10;246(2):156

Bell W: Body composition and maximal aerobic power of rugby union forwards. J Sports Med Phys Fitness 1980 Dec; 20(4):447-51

Belman MJ, Kendregan BA: Exercise training fails to increase skeletal muscle enzymes in patients with chronic obstructive pulmonary disease. Am Rev Respir Dis 1981 Mar;123(3):256-61

Beloev I, Popova V, Kaloianova A, et al: Dinamichni EKG nabliudeniia za tolerantnostta küm fizichesko natorvane pri bolni s infarkt na miokarda v klinichna obstanovka. Vutr Boles 1981; 20(1):60-5 (Eng. Abstr.) **(Bul)**

Benedetti WL see **Gonzalez Panizza VH**

Benn J see **Dyrberg T**

Bennett AF see **Ruben JA**

Bennett M see **Garcia E**

Berg A, Keul J, Stippig J, et al: Effects of an outdoor exercise program on cardiovascular and metabolic data in patients with coronary heart disease (CHD). Int J Rehabil Res 1981;4(1):64-6

Berg K, Bell CW: Physiological and anthropometric determinants of mile run time. J Sports Med Phys Fitness 1980 Dec;20(4):390-6

Bergentz SE see **Janzon L**

Bergmann G see **Rohlmann A**

Berk B see **George G**

Berman D see **Elkayam U**

Bernard TE, Duker J: Modeling carbon monoxide uptake during work. Am Ind Hyg Assoc J 1981 May;42(5):361-4

Berra K, Miller NH: The effects of controlled exercise on the client with coronary artery disease. Top Clin Nurs 1981 Jul;3(2):65-75

Berson BL, Rolnick AM, Ramos CG, et al: An epidemiologic study of squash injuries. Am J Sports Med 1981 Mar-Apr;9(2):103-6

Bertol E, Mari F, Piegaia G: Modification of urinary elimination of doping agents by simultaneous ingestion of acidic molecules. J Sports Med Phys Fitness 1980 Dec;20(4):383-6

Bertram B, von Wallenberg EL, Meyer-Erkelenz JD: Automatische indirekte Blutdruckmessung in Ruhe und bei Belastung: Formanalyse der Korotkov-Geräusche; Variables Zeitfenster zur Artefaktunterdrückung. Biomed Tech (Berlin) 1981 Apr; 26(4):81-4 (Eng. Abstr.) **(Ger)**

Betriu A, Pare JC, Sanz GA, et al: Myocardial infarction with normal coronary arteries: a prospective clinical-angiographic study. Am J Cardiol 1981 Jul;48(1):28-32

Beyer J, Weber T, Schulz G, et al: Comparison of biosynthetic human insulin and pork insulin during rest, food ingestion, and physical work in insulin-dependent diabetic subjects using a glucose controlled insulin infusion system. Diabetes Care 1981 Mar-Apr;4(2):189-92

Bhanot JL, Sidhu LS: Reaction time of hockey players with reference to their field positions. J Sports Med Phys Fitness 1980 Dec;20(4):423-30

Bhargava A see **Gupta RC**

Bhargava V, Watanabe K, Froelicher VF: Progress in computer analysis of the exercise electrocardiogram. Am J Cardiol 1981 May;47(5):1143-51

Bhattacharya AK see **De AK**

Biener K, Bösch H: Sportmedizinisches Profil der Alpinisten. MMW 1981 Mar 27;123(13):508-12 (Eng. Abstr.) **(Ger)**

Bienvenu MP see **Castaigne A**

Biersner RJ, Dembert ML, Browning MD: Validity of self-reported work experience among U.S. Navy divers. Undersea Biomed Res 1981 Mar;8(1):33-9

Bijlani RL, Sharma KN: Effect of dehydration and a few regimes of rehydration on human performance. Indian J Physiol Pharmacol 1980 Oct-Dec;24(4):255-66

Bille-Brahe NE, Eickhoff JH: Measurement of central hemodynamic parameters during preoperative exercise testing in patients suspected of arteriosclerotic heart disease. Value in predicting postoperative cardiac complications. Acta Chir Scand [Suppl] 1980;502:38-45

Binder SA, Moll CB, Wolf SL: Evaluation of electromyographic biofeedback as an adjunct to therapeutic exercise in treating the lower extremities of hemiplegic patients. Phys Ther 1981 Jun; 61(6):886-93

Birkhahn RH, Border JR: Alternate or supplemental energy sources. JPEN 1981 Jan-Feb;5(1):24-31 (60 ref.)

Birkui PJ, Bardou A, Riggio G: Correlations entre les tests d'effort et le calcul d'index energétiques au cours d'un programme d'entraînement à la période ambulatoire d'un infarctus du myocarde postérieur stabilisé. G Ital Cardiol 1980;10(10):1321-7 (Eng. Abstr.) **(Fre)**

Biswas M see **Patterson S**

Bjurö T see **Nyberg G**

Blackburn SE, Portney LG: Electromyographic activity of back musculature during Williams' flexion exercises. Phys Ther 1981 Jun;61(6):878-85

Blackett AD, Hall DA: The effects of vitamin E on mouse fitness and survival. Gerontology 1981;27(3):133-9

Blackman GL see **Arblaster CI**

Blaha M see **Dvořák I**

Blake RL, Ross AS, Valmassy RL: Biomechanics gait evaluation. J Am Podiatry Assoc 1981 Jun;71(6):341-3

Blankenhorn DH: Will atheroma regress with diet and exercise? Am J Surg 1981 Jun;141(6):644-5

Blatz DJ see **Fleming RE Jr**

Blaufox MD see **Wexler JP**

Blazina ME see **Loos WC**

Blomqvist CG, Lewis SF, Taylor WF, et al: Similarity of the hemodynamic responses to static and dynamic exercise of small muscle groups. Circ Res 1981 Jun;48(6 Pt 2):187-92

Blomqvist CG see **Shepherd JT**

Bloor CM see **Singh S**

Blumenthal DS, Weiss JL, Mellits ED, et al: The predictive value of a strongly positive stress test in patients with minimal symptoms. Am J Med 1981 May;70(5):1005-10

Boccardi S, Pedotti A, Rodano R, et al: Evaluation of muscular movements at the lower limb joints by an on-line processing of kinematic data and ground reaction. J Biomech 1981; 14(1):35-45

Bochantin J, Mays LL: Age-dependence of collagen tail fiber breaking strength in Sprague-Dawley and Fischer 344 rats. Exp Gerontol 1981;16(1):101-6

Bock L see **Huber EG**

Boden WE, Bough EW, Korr KS, et al: Exercise-induced coronary spasm with S-T segment depression and normal coronary arteriography. Am J Cardiol 1981 Jul;48(1):193-7

Bodnar RJ, Kordower JH, Wallace MM, et al: Stress and morphine analgesia: alterations following p-chlorophenylalanine. Pharmacol Biochem Behav 1981 May;14(5):645-51

Boe J, Simonsson BG: Effects of angiotensin II and bradykinin on isolated human pulmonary arteries. Eur J Respir Dis 1981; 62(2):95-101

Boetticher K see **Friedrich C**

Bogdański W see **Janczewska H**

Boiko P: Is exercise testing worth it? [letter] Pediatrics 1981 Mar; 67(3):441

Bolhuis JH: Gebitsbescherming bij sportbeoefening. Ned Tijdschr Tandheelkd 1980 Dec;87(12):455-9 (Eng. Abstr.) **(Dut)**

Bol'shakova TD see **Burkashov AB**

Bonazzi O see **Ferrari A**

Bonini S see **Serafini U**

Bonsignore G, Rizzo A, Sciarabba G, et al: Effects of muscular exercise on the affinity for oxygen of whole blood in healthy men and in bronchitic patients. Bull Eur Physiopathol Respir 1980;16(2):229-37

Booij A see **Gerlag PG**

Boots S, Hogan C: Creative movement and health. Top Clin Nurs 1981 Jul;3(2):23-31

Border JR see **Birkhahn RH**

Borg G, Holmgren A, Lindblad I: Quantitative evaluation of chest pain. Acta Med Scand [Suppl] 1981;644:43-5

Borreson PM: The elimination of a self-injurious avoidance response through a forced running consequence. Ment Retard 1980 Apr;18(2):73-7

Böcch H see Biener K

Bose SM see Kuberasampath T

Bosisio E, Arosio A, Mandelli V, et al: Ventilatory and pressor response to isometric exercise in normal subjects. Respiration 1980;40(6):337-43

Botvinick E see Massie B

Bouchard JP see Richards C

Bouchard R see Richards C

Boucher J see Godin G

Bough EW see Boden WE

Boulton J: Nutrition in childhood and its relationships to early somatic growth, body fat, blood pressure, and physical fitness. Acta Paediatr Scand [Suppl] 1981;284:1-85

Bousquet J see Guell A

Boutos C see Cokkinos DV

Bouverot P, Collin R, Favier R, et al: Carotid chemoreceptor function in ventilatory and circulatory O2 convection of exercising dogs at low and high altitude. Respir Physiol 1981 Feb;43(2):147-67

Bouvrain Y see Azancot I

Bozymski EM, Orlando RC, Holt JW 3d: Traumatic disruption of the pancreatic duct demonstrated by endoscopic retrograde pancreatography. J Trauma 1981 Mar;21(3):244-5

Braak L see Guell A

Bracamonte M, Sergysels R: Intérêt des tests de provocation bronchique. Rev Med Brux 1981 Feb;2(2):89-91 (Eng. Abstr.) **(Fre)**

Bradley BL, Forman JW, Miller WC: Low-density gas breathing during exercise in chronic obstructive lung disease. Respiration 1980;40(6):311-6

Brand PW, Beach RB, Thompson DE: Relative tension and potential excursion of muscles in the forearm and hand. J Hand Surg 1981 MAY;6(3):209-19

Brandell BR see Sprigings EJ

Brandesky G, Muhr H: Traumatische Hernien im Kindesalter. Wien Klin Wochenschr 1981 Feb 6;93(3):80-3 (Eng. Abstr.) **(Ger)**

Brannigan M, Adali S: Mathematical modelling and simulation of a tennis racket. Med Sci Sports Exerc 1981;13(1):44-53

Bray GA see Schutz Y

Breido MD see Vaĭsman AI

Brenner AM see Chen WY

Breslav IS, Kliueva NZ, Troshikhin GV: Vliianie giperbaricheskoĭ azotno-kislorodnoĭ sredy na aktivnost' dykhatel'nogo tsentra. Kosm Biol Aviakosm Med 1981 Jan-Feb;15(1):88-9 (Eng. Abstr.) **(Rus)**

Bret MD see Tardieu C

Brickman AS see Sowers JR

Broadhead GD: Physical education for previously unserved severely handicapped children. Rehabil Lit 1981 Mar-Apr; 42(3-4):86-9

Brody GS, Peng ST, Landel RF: The etiology of hypertrophic scar contracture: another view. Plast Reconstr Surg 1981 May; 67(5):673-84

Brook RH see Stewart AL

Brooke JD, Hoare J, Rosenrot P, et al: Computerized system for measurement of force exerted within each pedal revolution during cycling. Physiol Behav 1981 Jan;26(1):139-43

Broustet JP, Saliou B, Pic A, et al: Evaluation de l'aptitude cardio-vasculaire aux sports. Quels sports? Pour Qui? Rev Prat 1981 May 1;31(25):1773-4, 1777-8, 1781-3 (Eng. Abstr.) **(Fre)**

Broustet JP, Saliou B, Pic A, et al: Les accidents coronaires au cours de la pratique sportive: signification. Rev Prat 1981 May 1;31(25):1837-42, 1845-6 (Eng. Abstr.) **(Fre)**

Brouwer PJ, Geesink RG, Prompers LA, et al: Klachien en afwijkingen aan knieën en enkels bij ex-prof-voetballers uit 1956. Ned Tijdschr Geneeskd 1981 May 2;125(18):694-7 (Eng. Abstr.) **(Dut)**

Brown HV, Wasserman K: Exercise performance in chronic obstructive pulmonary diseases. Med Clin North Am 1981 May; 65(3):525-47 (97 ref.)

Browning MD see Biersner RJ

Bruce DS see Nicol CJ

Bruce RA: Noninvasive clinical and exercise predictors of sudden cardiac death in men with coronary artery disease. Tex Med 1981 Jun;77(6):55-9

Bruce RA see Hossack KF

Brumback RA, Staton RD, Susag ME: Exercise-induced pain, stiffness, and tubular aggregation in skeletal muscle. J Neurol Neurosurg Psychiatry 1981 Mar;44(3):250-4

Brunelle J, Godin G, Rissmann CH: Analyse du contenu de l'information transmise dans des émissions télévisées de conditionnement physique. Can J Appl Sport Sci 1981 Mar; 6(1):40-4 (Eng. Abstr.) **(Fre)**

Bruno G see Manca C

Brzezińska Z, Nazar K, Kozlowski S: Effect of prolonged exhausting exercise on the adrenal cortex response to ACTH. Acta Physiol Pol 1980;31(5):567-9

Buchbinder W, Gocke H, Ilker HG, et al: Ambulante Korunar-Gruppen Erste Erfahrungen mit minderbelastbaren (High risk-)Infarkt-Patienten nach einjährigem Modellversuch. Fortschr Med 1981 Apr 2;99(13):443-6 (Eng. Abstr.) **(Ger)**

Bugaenko VV see Sledzevskaya IK

Bühlmann AA: Physiologie und Pathophysiologie des Tauchens. Schweiz Z Sportmed 1981 Mar;29(1):5-11 (Eng. Abstr.) **(Ger)**

Bullen B see Carr DB

Bundgaard A: Incidence of exercise-induced asthma in adult asthmatics. Allergy 1981 Jan;36(1):23-6

Bundgaard A, Rasmussen FV, Madsen L: Pretreatment of exercise-induced asthma in adults with aerosols and pulverized tablets. Allergy 1980 Dec;35(8):639-45

Burani F see Manca C

Burcham NA: Louisville fan for sixty years. CAL 1981 Apr; 44(10):26-8

Burghuber O, Sinzinger H, Silberbauer K, et al: Decreased prostacyclin sensitivity of human platelets after jogging and squash. Prostaglandins Med 1981 Feb;6(2):127-30

Burkashov AB, Bol'shakova TD, Siluianova VA, et al: Sostoianie shchitovidnoĭ zhelezy i tireotropnoĭ funktsii gipofiza u sortsmenov pri veloergometricheskoĭ nagruzke. Probl Endokrinol (Mosk) 1981 Mar-Apr;27(2):21-6 (Eng. Abstr.) **(Rus)**

Burkitt M see Gawel MJ

Burnand KG, Whimster I, Clemenson G, et al: The relationship between the number of capillaries in the skin of the venous ulcer-bearing area of the lower leg and the fall in foot vein pressure during exercise. Br J Surg 1981 May;68(5):297-300

Burridge P see Logan R

Burtzik K see Behn P

Busse WW: Exercise-induced asthma. Am J Sports Med 1981 May-Jun;9(3):194-6

(Butler D), Burcham NA: Louisville fan for sixty years. CAL 1981 Apr;44(10):26-8

Bykhovsky VM see Alymkulov DA

C

Cabaud HE, Rodkey WG, Fitzwater JE: Medical meniscus repairs. An experimental and morphologic study. Am J Sports Med 1981 May-Jun;9(3):129-34

Caine M see Ron M

Caldeyro-Barcia R, Giussi G, Storch E, et al: The bearing-down efforts and their effects on fetal heart rate, oxygenation and acid base balance. J Perinat Med 1981;9 Suppl 1:63-7

Caldwell J: Experience from the 1980 midnight sun marathon: injuries & training. Alaska Med 1981 Mar-Apr;23(2):18-21

Campbell IT, Ellis FR, Evans RT: Metabolic rate and blood hormone and metabolite levels of individuals susceptible to malignant hyperpyrexia at rest and in response to food and mild exercise. Anesthesiology 1981 Jul;55(1):46-52

Campbell L see Chelladurai P

Canibal J, Vávra P: Casné zátěžové vyšetření u nemocných po infarktu myokardu. Cas Lek Cesk 1981 Mar 19;120(11):321-4 (Eng. Abstr.) **(Cze)**

Capelo A, Comincioli V, Minelli R, et al: Study and parameters identification of a rheological model for excised quiescent cardiac muscle. J Biomech 1981;14(1):1-11

Carlson K see Nye ER

Carnat G: Umfrage über Tauchunfälle in der Schweiz. Schweiz Z Sportmed 1981 Mar;29(1):29-32 (Eng. Abstr.)**(Ger)**

Carr DB, Reppert SM, Bullen B, et al: Plasma melatonin increases during exercise in women. J Clin Endocrinol Metab 1981 Jul; 53(1):224-5

Carroll HW see Olerud JE

Carter AL, Lennon DL, Stratman FW: Increased acetyl carnitine in rat skeletal muscle as a result of high-intensity short-duration exercise. Implications in the control of pyruvate dehydrogenase activity. FEBS Lett 1981 Apr 6;126(1):21-4

Cartoni GP, Ciardi M, Giarrusso A, et al: Reversed-phase high-performance liquid chromatographic detection of pemoline in doping control. J Chromatogr 1980 Dec 5;202(1):131-3

Casali L see Grassi C

Casciari RJ, Fairshter RD, Harrison A, et al: Effects of breathing retraining in patients with chronic obstructive pulmonary disease. Chest 1981 Apr;79(4):393-8

Cassar G see Metral S

Cassone R, Lino A, Damiani S, et al: Variazioni della dinamica cardiaca in atleti indotte dal lavoro muscolare. Studio ecocardiografico. Nota I: aspetti morfologici. Boll Soc Ital Cardiol 1978;23(5):917-22 (Eng. Abstr.) **(Ita)**

Castagliuolo PP: Aspetti socio-sanitari della selezione del pilota militare. Riv Med Aeronaut Spaz 1979 Jul-Dec;42(3-4):259-70 (Eng. Abstr.) **(Ita)**

Castaigne A, Nitenberg A, Bienvenu MP: Adaptation cardio-vasculaire à l'exercice et à l'entraînement. Rev Prat 1981 May 1;31(25):1757-8, 1961-2, 1965-71 (Eng. Abstr.) **(Fre)**

Castiglia GC see **Sperati G**

Catalano M, Franchini B, Genderini A, et al: Uno sforzo isometrico per la diagnosi delle arteriopatie obliteranti chroniche degli arti inferiori. G Ital Cardiol 1980;10(10):1356-9 (Eng. Abstr.) **(Ita)**

Cecchini G see **Ghislanzoni R**

Cengiz M see **Elliott CG**

Cerretelli P see **di Prampero PE**

Cerrina J, Denjean A, Alexandre G, et al: Inhibition of exercise-induced asthma by a calcium antagonist, nifedipine. Am Rev Respir Dis 1981 Feb;123(2):156-60

Chaitman BR, Hanson JS: Comparative sensitivity and specificity of exercise electrocardiographic lead systems. Am J Cardiol 1981 Jun;47(6):1335-49 (120 ref.)

Chance B, Eleff S, Leigh JS Jr: Noninvasive, nondestructive approaches to cell bioenergetics. Proc Natl Acad Sci USA 1980 Dec;77(12):7430-4

Chandler JP, Kodama K, Prokop EK: Treadmill exercise testing and Thallium-201 scanning as indicators of the presence and severity of coronary artery disease. Conn Med 1980 Oct; 44(10):629-34

Charuzi Y, Diamond GA, Pichler M, et al: Analysis of multiple noninvasive test procedures for the diagnosis of coronary artery disease. Clin Cardiol 1981 Mar;4(2):67-74

Chatterjee K, Rubin SA, Ports TA, et al: Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure. Am J Med 1981 Jul;71(1):140-6

Chatterji JC see **Yashpal M**

Chattopadhyay H see **Bandyopadhyay B**

Chedorova ZP, Gitis EI, Babiĭ ZN, et al: Funktsional'naia aktivnost' leikotsitov pri nekotorykh patologicheskikh sostoianiiakh. Fiziol Zh 1981 Mar-Apr;27(2):188-92 (Eng. Abstr.) **(Rus)**

Chelladurai P, Haggerty TR, Campbell L, et al: A factor analytic study of effectiveness criteria in intercollegiate athletics. Can J Appl Sport Sci 1981 Jun;6(2):81-6

Chen WY, Brenner AM, Weiser PC, et al: Atropine and exercise-induced bronchoconstriction. Chest 1981 Jun; 79(6):651-6

Chen YI see **Zavaroni I**

Chepknia IL see **Zin'kovskiĭ MF**

Cherkis MI see **Alymkulov DA**

Chesky JA see **Rockstein M**

Chetty PC see **Gupta GD**

Chinotti ML see **Fraccaroli G**

Chisholm DM: Pre-exercise evaluation: confusion and controversy heading for clarification. Can J Public Health 1981 Jan-Feb; 72(1):22-5

Chistiakov VA see **Zinkovskiĭ AV**

Chlebna-Sokoł D see **Gołebiowska M**

Chodakowska J, Wocial B, Skórka B, et al: Plasma and urinary catecholamines and metabolites during physical exercise in essential hypertension. Acta Physiol Pol 1980;31(6):623-30

Chodakowska J see **Zukowska-Grójec Z**

Chodosowska E see **Zieliński J**

Cholewa M see **Markiewicz K**

Chrástek J see **Lisý Z**

Christensen NJ see **Galbo H**

Christensen NJ see **Richter EA**

Christiansen JS see **Dyrberg T**

Chryssanthou C: Animal model of human disease: dysbaric osteonecrosis. Am J Pathol 1981 May;103(2):334-6

Ciardi M see **Cartoni GP**

Clark RS see **Ballantyne D**

Clarkson PM, Hintermister R, Filiyaw M, et al: High density lipoprotein cholesterol in young adult weight lifters, runners and untrained subjects. Hum Biol 1981 May;53(2):251-7

Clemenson G see **Burnand KG**

Clement DB, Taunton JE: A guide to the prevention of running injuries. Aust Fam Physician 1981 Mar;10(3):156-61, 163-4

Clement DB see **McNicol K**

Cloutier MM, Loughlin GM: Chronic cough in children: a manifestation of airway hyperreactivity. Pediatrics 1981 Jan; 67(1):6-12

Cohen I, Mitchell D, Seider R, et al: The effect of water deficit on body temperature during rugby. S Afr Med J 1981 Jul 4; 60(1):11-4

Cohen RD, Iles RA: Hydrogen ion balance in exercise [letter] Clin Sci 1981 Feb;60(2):245-6

Cokkinos DV, Boutos C, Patsouros K, et al: The value of anginal pain in exercise testing after myocardial infarction. Acta Med Scand [Suppl] 1981;644:27-30

Colbeau-Justin P see **Tardieu C**

Cole P see **Niinimaa V**

Collin R see **Bouverot P**

Colt EW, Wardlaw SL, Frantz AG: The effect of running on plasma beta-endorphin. Life Sci 1981 Apr 6;28(14):1637-40

Comincioli V see **Capelo A**

Comşulea L see **Cristodorescu R**

Comte P: Les traitements en traumatologie des sportifs d'élite. Praxis 1981 Mar 31;70(14):606-11 (Eng. Abstr.) **(Fre)**

Cooker HS, Larson CR, Luschei ES: Evidence that the human jaw stretch reflex increases the resistance of the mandible to small displacements. J Physiol (Lond) 1980 Nov;308:61-78

Cools AR: Role of the neostriatal dopaminergic activity in sequencing and selecting behavioural strategies: facilitation of processes involved in selecting the best strategy in a stressful situation. Behav Brain Res 1980 Oct;1(5):361-78

Cooper R see **Bachman DS**

Corash LC see **Goldstein RE**

Corey P see **Shephard RJ**

Cormier YF, Bélanger J: The influence of active gas exchange on the slope of phase III at rest and after exercise. Am Rev Respir Dis 1981 Feb;123(2):213-6

Corsi A see **Granata AL**

Corsini G, Pietropaolo F, Natale A, et al: Contributo della cicloergometria per la identificazione di danno ischemico nelle sindromi da preeccitazione. Boll Soc Ital Cardiol 1980; 25(1):27-36 (Eng. Abstr.) **(Ita)**

Costa A see **Ferlito S**

Cousteau JP: Principes des techniques d'entraînement et surveillance cardio-vasculaire de l'entraînement. Rev Prat 1981 May 1;31(25):1833-6 (Eng. Abstr.) **(Fre)**

Cousteau JP: Le coeur des athlètes de haute compétition. Rev Prat 1981 May 1;31(25):1811-2, 1815-6, 1819-20 (Eng. Abstr.) **(Fre)**

Cox M see **Shephard RJ**

Cox MH see **Shephard RJ**

Crandall DL, Feirer RP, Griffith DR, et al: Relative role of caloric restriction and exercise training upon susceptibility to isoproterenol-induced myocardial infarction in male rats. Am J Clin Nutr 1981 May;34(5):841-7

Craven PR Jr see **Henry JH**

Crawford MH see **Starling MR**

Cribier A see **Letac B**

Cristodorescu R, Comşulea L, Puşchiţă M: Exercise testing for assessing the effectiveness of digitalis therapy in compensated heart diseases. Med Interne 1981 Jan-Mar;19(1):33-42

Cristodorescu R see **Gavrilescu S**

Croxson MS see **Ballantyne GH**

Cullinane E, Lazarus B, Thompson PD, et al: Acute effects of a single exercise session on serum lipids in untrained men. Clin Chim Acta 1981 Feb 5;109(3):341-4

Cullinane E see **Lazarus B**

Cullum UX Jr see **Pierides AM**

Cuminetti S see **Astorri E**

Cumming GR: Maximal exercise capacity of children with heart defects [letter] Am J Cardiol 1981 Jun;47(6):1381

Cummins GC: Now, here's .. a real cliff hanger. Ohio State Med J 1981 Apr;77(4):239-40

Cunningham DJ see **Metias EF**

Cuomo S, De Caprio L, Scarafile P, et al: Il vettorcardiogramma nel cuore d'atleta. G Ital Cardiol 1981;11(1):32-6 (Eng. Abstr.) **(Ita)**

Cureton KJ see **Purvis JW**

Curry B see **Forsythe WA**

Cutler BS, Wheeler HB, Paraskos JA, et al: Applicability and interpretation of electrocardiographic stress testing in patients with peripheral vascular disease. Am J Surg 1981 Apr; 141(4):501-6

D

Dahms TE see **Lind AR**

Dainis A: A model for gymnastics vaulting. Med Sci Sports Exerc 1981;13(1):34-43

D'Alessio D, Minor TE, Allen CI, et al: A study of the proportions of swimmers among well controls and children with enterovirus-like illness shedding or not shedding an enterovirus. Am J Epidemiol 1981 May;113(5):533-41

Daly G: Marathon man. Nurs Times 1981 Apr 16;77(16):675

Damgaard Andersen J see **Saunamäki KI**

Damiani S see **Cassone R**

Dapena J: Simulation of modified human airborne movements. J Biomech 1981;14(2):81-9

Darvell BW see **Price PA**

Dassonville J see **Gratas A**

Data PG see **Scotto P**

Daub BD see **Green HJ**

Davidson DM see **Taylor CB**

Davidson PC see **Israel RG**

Davies CT: Thermal responses to exercise in children. Ergonomics 1981 Jan;24(1):55-61

Dawson WJ, Pulios N: Baseball injuries to the hand. Ann Emerg Med 1981 Jun;10(6):302-6

De AK, Bhattacharya AK, Panda BK, et al: Respiratory performance and grip strength tests on the basketball players of inter-university competition. Indian J Physiol Pharmacol 1980 Oct-Dec;24(4):305-9

De Ambroggi L see **Radice M**
Debackere M see **Delbeke FT**
de Bruyn-Prevost P, Sturbois X: Lactic acid evolution in relation to work duration during a short anaerobic exhausting exercise. J Sports Med Phys Fitness 1980 Dec;20(4):377-82
DeBusk RF see **Taylor CB**
De Caprio L see **Cuomo S**
Dechko EP see **Zamotaev IP**
Decorbière P see **Letac B**
Delbeke FT, Debackere M, Desmet N: Detection of some local anesthetics in horse urine and plasma by gas-liquid chromatography. J Chromatogr 1981 Feb 27;206(3):594-9
De Lucchi M see **Viotti G**
Demaille JG see **Vallet B**
De Martino E, Pedone V, Balboni A, et al: Ipocinesia, sistema coagulazione-fibrinolisi ed aterosclerosi. G Clin Med 1980 Nov; 61(11):822-30 (Eng. Abstr.) **(Ita)**
Dembert ML see **Biersner RJ**
De Mey J, Vanhoutte PM: Uneven distribution of postjunctional alpha 1-and alpha 2-like adrenoceptors in canine arterial and venous smooth muscle. Circ Res 1981 Jun;48(6 Pt 1):875-84
Demoulin JC see **Soyeur D**
Dempsey JA see **Vidruk EH**
Denis C see **Geyssant A**
Denjean A see **Cerrina J**
Derks CM: Ventilation-perfusion distribution in young and old volunteers during mild exercise. Bull Eur Physiopathol Respir 1980;16(2):145-54
Desmet N see **Delbeke FT**
Despas PJ see **Pardy RL**
Deutsch G see **Gavrilescu S**
Devine KL, LeVeau BF, Yack HJ: Electromyographic activity recorded from an unexercised muscle during maximal isometric exercise of the contralateral agonists and antagonists. Phys Ther 1981 Jun;61(6):898-903
Diallo MH see **Rhaly AG**
Diamond GA see **Charuzi Y**
Diané M see **Rhaly AG**
Dick MR see **Myles WS**
Dicker G see **Sali A**
Dickhuth HH see **Keul J**
Diehm C see **Feurle GE**
Diepstra G see **Gonyea WJ**
Di Mauro C see **Ferlito S**
Dineen PF, Gallagher JE: Survey of rugby injuries. Ir Med J 1981 May;74(5):137
Dippold A: Die Objektivierung von Muskelfunktionsstörungen bei Arthrose am Modell des Kniegelenkes. Beitr Orthop Traumatol 1981 Feb;28(2):109-15 (Eng. Abstr.) **(Ger)**
di Prampero PE, Meyer M, Cerretelli P, et al: Energy sources and mechanical efficiency of anaerobic work in dog gastrocnemius. Pfluegers Arch 1981 Mar;389(3):257-62
di Prampero PE: Energetics of muscular exercise. Rev Physiol Biochem Pharmacol 1981;89:143-222 (270 ref.)
Ditchey RV, Watkins J, McKirnan MD, et al: Effects of exercise training on left ventricular mass in patients with ischemic heart disease. Am Heart J 1981 Jun;101(6):701-6
Ditunno JF see **Herbison GJ**
Dobbins DA, Garron R, Rarick GL: The motor performance of educable mentally retarded and intellectually normal boys after covariate control for differences in body size. Res Q Exerc Sport 1981 Mar;52(1):1-8
Doi YL see **Sugiura T**
Donaldson VH see **James FW**
Dormer KJ see **Stratton R**
Doukas S see **Palmer WK**
Dreisbach W, Arnold B: Sport im Alter - ein Beitrag zur Entwicklung kommunikativer Fähigkeiten. Aktule Gerontol 1981 May;11(3):83-6 (Eng. Abstr.) **(Ger)**
Dressendorfer RH see **Amsterdam EA**
Drexler H, Wollschläger H, Löllgen H, et al: Study of the acute effect of AR-L 115 BS, a new positive-inotropic agent in patients with exercise-induced heart failure. Arzneimittelforsch 1981; 31(1a):259-62
Driska SP, Aksoy MO, Murphy RA: Myosin light chain phosphorylation associated with contraction in arterial smooth muscle. Am J Physiol 1981 May;240(5):C222-33
du Toit L see **Smit PJ**
Duffin J, Graham K: The regularity and interrelation of respiratory and cardiac rhythms at rest and during exercise. Can J Physiol Pharmacol 1981 Jan;59(1):84-7
Duker J see **Bernard TE**
Dumbadze GG, Shamkulashvili GG, Razamat LIu, et al: Energeticheskiĭ obmen mitokhondriĭ i sokratimost' puchkov glitserinizirovannykh volokon miokapda pri travmaticheskom shoke. Biokhimiia 1980 Jul;45(7):1222-5 (Eng. Abstr.) **(Rus)**
Duncan O, Johnson RH, Lambie DG: Role of sensory nerves in the cardiovascular and respiratory changes with isometric forearm exercise in man. Clin Sci 1981 Feb;60(2):145-55
Dunford R, Hayward J: Venous gas bubble production following cold stress during a no-decompression dive. Undersea Biomed Res 1981 Mar;8(1):41-9
Dunham MJ see **Metcalfe J**
Dunn RF, Freedman B, Kelly DT, et al: Exercise-induced ST-segment elevation in leads V1 or aVL. A predictor of anterior myocardial ischemia and left anterior descending coronary artery disease. Circulation 1981 Jun;63(6):1357-63
Dunn RF see **Freedman B**
Dupuis H, Rieck A: Orthostatische Beanspruchung bei Arbeiten im Stehen. Soz Praeventivmed 1980 Dec;25(6):375-80 (Eng. Abstr.) **(Ger)**
DuRant RH see **Linder CW**
Dux E, Dux L, Joó F, et al: The effect of hypoxic and hypobaric exercises on the blood-brain barrier in rats. Physiologist 1980 Dec;23(Suppl 6):S105-7
Dux L see **Dux E**
Dvořák I, Zemánková J, Blaha M, et al: Význam ergometrického testu ve zjištění skryté hypertenze (předběžné sdělení). Vnitr Lek 1981 May;27(5):435-9 (Eng. Abstr.) **(Cze)**
Dyrberg T, Benn J, Christiansen JS, et al: Prevalence of diabetic autonomic neuropathy measured by simple bedside tests. Diabetologia 1981 Mar;20(3):190-4

E

Eckhardt G see **Liappis N**
Eden D see **Shirom A**
Edmonds VE see **Tator CH**
Edwards N: Swimming by laryngectomees. J Laryngol Otol 1981 May;95(5):535-6
Edwards RH, Wiles CM: Energy exchange in human skeletal muscle during isometric contraction. Circ Res 1981 Jun;48(6 Pt 2):I11-7 (43 ref.)
Edwards WG Jr see **Pierides AM**
Effgen SK: Effect of an exercise program on the static balance of deaf children. Phys Ther 1981 Jun;61(6):873-7
Egan S: Reduction of anxiety in aquaphobics. Can J Appl Sport Sci 1981 Jun;6(2):68-71
Eggleston PA, Beasley PP, Kindley RT: The effects of oral doses of theophylline and fenoterol on exercise-induced asthma. Chest 1981 Apr;79(4):399-405
Eha JE see **Maaroos JA**
Ehsani AA see **Hickson RC**
Eickhoff JH, Laursen LC: Evaluation of patients with only marginally abnormal arm-ankle blood pressure gradients suspected of arterial obliterative disease. Acta Chir Scand [Suppl] 1980;502:21-6
Eickhoff JH see **Bille-Brahe NE**
Eidman DK, Siff SJ, Tullos HS: Acromioclavicular lesions in children. Am J Sports Med 1981 May-Jun;9(3):150-4
Ekblom B see **Nordemar R**
Eleff S see **Chance B**
Elkayam U, Weinstein M, Berman D, et al: Stress thallium-201 myocardial scintigraphy and exercise technetium ventriculography in the detection and location of chronic coronary artery disease: comparison of sensitivity and specificity of these noninvasive tests alone and in combination. Am Heart J 1981 May;101(5):657-66
Elliott CG, Morris AH, Cengiz M: Pulmonary function and exercise gas exchange in survivors of adult respiratory distress syndrome. Am Rev Respir Dis 1981 May;123(5):492-5
Ellis FR see **Campbell IT**
Ellison AE see **Fumich RM**
Elmes J see **Tanser AR**
Endropov OV: Analiz pokazateleĭ obshcheĭ zabolevaemosti sredi uchashchikhsia spetsializirovannykh sportivnykh klassov. Pediatriia 1980 Dec;(12):10-2 (Eng. Abstr.) **(Rus)**
Engel JC, Baron JB: Posturographie et expertise des syndromes post-traumatiques crânio-cervicaux chez les sportifs. Agressologie 1981;22(A):41-50 (Eng. Abstr.) **(Fre)**
Erdmann A see **Klaus S**
Ericsson BF see **Janzon L**
Erikssen J, Forfang K, Jervell J: Coronary risk factors and physical fitness in healthy middle-aged men. Acta Med Scand [Suppl] 1981;645:57-64
Erikssen J, Johansen AH, Rodahl K: Coronary heart disease in Norwegian sea-pilots: part of the occupational hazard? Acta Med Scand [Suppl] 1981;645:79-83
Eriksson E, Johnson RJ: The etiology of downhill ski injuries. Exerc Sport Sci Rev 1980;8:1-17 (69 ref.)
Ermolaeva LM see **Pshedetskaia AD**
Evans AD, Reilly T: The relation between performance in throwing task and work-induced activation. Ergonomics 1980 Dec; 23(12):1147-9
Evans D: Backache: lean back and exercise. Nurs Mirror 1981 Jun 10;152(24):16-9
Evans JA, Quinney HA: Determination of resistance settings for anaerobic power testing. Can J Appl Sport Sci 1981 Jun;6(2):53-6

PHYSICAL FITNESS/SPORTS MEDICINE

Evans RT see **Campbell IT**

Everts ME, van Hardeveld C, Ter Keurs HE, et al: Force development and metabolism in skeletal muscle of euthyroid and hypothyroid rats. Acta Endocrinol (Copenh) 1981 Jun; 97(2):221-5

F

Fairshter RD see **Casciari RJ**

Falcone C see **Gavazzi A**

Fantasia R see **Pogliani EM**

Faris JV, Morris SN: Detection, prevalence, and significance of arrhythmias during exercise. Heart Lung 1981 Jul-Aug; 10(4):644-50

Farmosi I: Body-composition, somatotype and some motor performance of judoists. J Sports Med Phys Fitness 1980 Dec; 20(4):431-4

Farrar RP, Mayer LR, Starnes JW, et al: Selected biochemical parameters of two sizes of rat skeletal and heart muscle mitochondria at selected intervals of a 16-week endurance training program. Eur J Applied Physiol 1981;46(1):91-102

Favier R see **Bouverot P**

Fein SA, Klein NA, Frishman WH: Exercise testing soon after uncomplicated myocardial infarction. Prognostic value and safety. JAMA 1981 May 8;245(18):1863-8

Feirer RP see **Crandall DL**

Feitová S, Novák M: Výměna plynu při fyzické zátěži u osob s poruchou ventilační funkce. Vnitr Lek 1981 May;27(5):440-8 (Eng. Abstr.) **(Cze)**

Ferlito S, Di Mauro C, Costa A, et al: Effetto dello sforzo fisico sull'effetto glico-lipidico in soggetti normali e diabetici. G Clin Med 1980 Oct;61(10):728-39 (Eng. Abstr.) **(Ita)**

Ferrari A, Bonazzi O, Gardumi M, et al: Modulation of atrioventricular conduction by isometric exercise in human subjects. Circ Res 1981 Jul;49(1):265-71

Ferrari A see **Mancia G**

Ferraro JA, Melnick W, Gerhardt KR: Effects of prolonged noise exposure in chinchillas with severed middle ear muscles. Am J Otolaryngol 1981 Feb;2(1):13-8

Feurle GE, Wirth A, Diehm C, et al: Exercise-induced release of pancreatic polypeptide and its inhibition by propranolol: evidence for adrenergic stimulation. Eur J Clin Invest 1980 Jun; 10(3):249-51

Figura F see **Ricci B**

Fillyaw M see **Clarkson PM**

Fischer J see **Froelicher VF**

Fisher DE see **Levitsky LL**

Fisher MA see **Garcia HA**

Fisher SV, Patterson RP: Energy cost of ambulation with crutches. Arch Phys Med Rehabil 1981 Jun;62(6):250-6

Fisher SV see **Patterson R**

Fisk R, Wells J: The quadriceps complex in bipedal man. JAOA 1980 Dec;80(4):291-4

Fitscha P, Tiso B, Meisner W, et al: Ruhe- und Belastungshämodynamik vor und nach Rehabilitation beim akuten Myokardinfarkt. Wien Klin Wochenschr 1981 Jan 23; 93(2):45-9 (Eng. Abstr.) **(Ger)**

Fitzwater JE see **Cabaud HE**

Flaherty DK see **Hanson PG**

Fleming RE Jr, Blatz DJ, McCarroll JR: Posterior problems in the knee. Posterior cruciate insufficiency and posterolateral rotatory insufficiency. Am J Sports Med 1981 Mar-Apr; 9(2):107-13

Floras JS, Jones JV, Hassan MO, et al: Cuff and ambulatory blood pressure in subjects with essential hypertension. Lancet 1981 Jul 18;2(8238):107-9

Fomina NG, Iavorskaia LA: O reabilitatsii bol'nykh s protezom aortal'nogo klapana i koronarnoi nedostatochnost'iu. Kardiologiia 1981 Feb;21(2):58-62 (Eng. Abstr.) **(Rus)**

Fomina NG see **Kassirsky GI**

Forfang K see **Erikssen J**

Forman JW see **Bradley BL**

Forse G see **Selwyn AP**

Forsythe WA, Miller ER, Curry B, et al: Aerobic exercise effects on lipoproteins and tissue lipids in young pigs. Atherosclerosis 1981 Feb-Mar;38(3-4):327-37

Fouache Y, Rosier SP, Planeix T, et al: Valeur de l'enregistrement électrocardiographique continu par la méthode de Holter pour le diagnostic et la surveillance de l'ischémie myocardique. Arch Mal Coeur 1981 Apr;74(4):427-35 (Eng. Abstr.) **(Fre)**

Fox JM see **Loos WC**

Fox K see **Selwyn AP**

Fraccaroli G, Chinotti ML: Igiene sessuale dello sportivo e problemi ad essa connessi. Minerva Med 1981 Apr 21;72(16):1017-20 (Eng. Abstr.) **(Ita)**

Frain P: Action mécanique de l'antéversion fémorale sur la hanche. Degré de validité de la théorie de Pauwels. Rev Chir Orthop 1981;67(1):1-9 (Eng. Abstr.) **(Fre)**

Francesconi R, Mager M: Alcohol consumption in rats: effects on work capacity in the heat. J Appl Physiol 1981 May; 50(5):1006-10

Franchini B see **Catalano M**

Frankenberger A, Münch EO, Wolpert F: Verletzungen des Schultergürtels beim alpinen Skisport. Fortschr Med 1981 May 21;99(19):733-9 (Eng. Abstr.) **(Ger)**

Frantz AG see **Colt EW**

Freedman B, Dunn RF, Richmond DR, et al: Coronary artery spasm during exercise: treatment with verapamil. Circulation 1981 Jul; 64(1):68-75

Freedman B see **Dunn RF**

Freedson PS see **Gilliam TB**

French R, Jansma P: Medication, learning disabilities and physical education. Am Correct Ther J 1981 Jan-Feb;35(1):26-30

Frenkl R, Györe A, Mészáros J, et al: A study of the enzyme inducing effect of physical exercise in man. The 'trained liver'. J Sports Med Phys Fitness 1980 Dec;20(4):371-6

Freund PR see **Rowell LB**

Friedrich C, Bauer P, Boetticher K, et al: Auswirkungen von sportlichen Aktivitäten auf die psychische Situation älterer Menschen. Aktule Gerontol 1981 May;11(3):96-9 (Eng. Abstr.) **(Ger)**

Frishman WH see **Fein SA**

Froelicher V: Exercise and health [editorial] Am J Med 1981 May; 70(5):987-8

Froelicher VF, Sebrechts C, Streitwiesser D, et al: Rest and exercise electrocardiograms and radionuclides in patients presenting for cardiac rehabilitation. Clin Cardiol 1981 Mar;4(2):59-66

Froelicher VF, Wolthuis R, Fischer J, et al: Variations in normal electrocardiographic response to treadmill testing. Am J Cardiol 1981 May;47(5):1161-7

Froelicher VF, McHenry PL: Symposium: future directions in exercise testing and exercise electrocardiography—I. Introduction. Am J Cardiol 1981 May;47(5):1141-2

Froelicher VF see **Bhargava V**

Fu LT, Takahashi N, Yamamoto M, et al: Handgrip-induced negative U-wave in electrocardiogram of hypertensive subjects. Jpn Heart J 1981 Jan;22(1):59-73

Fujita T see **Goto F**

Fukuchi Y: [Exercise test in elderly subjects (author's transl)] Nippon Kyobu Shikkan Gakkai Zasshi 1980 Oct;18(10):686-95 (Eng. Abstr.) **(Jpn)**

Fulkerson JP: Common athletic knee ligament injuries and their treatment. Compr Ther 1981 Feb;7(2):62-6

Fuller CM, Raizner AE, Verani MS, et al: Early post-myocardial infarction treadmill stress testing. An accurate predictor of multivessel coronary disease and subsequent cardiac events. Ann Intern Med 1981 Jun;94(6):734-9

Fulmer DC: Achilles tendon disorders in runners. [letter] Med Sci Sports Exerc 1981;13(1):x-xi

Fumich RM, Ellison AE, Guerin GJ, et al: The measured effect of taping on combined foot and ankle motion before and after exercise. Am J Sports Med 1981 May-Jun;9(3):165-70

Furukawa K, Itoh T, Kajiwara M, et al: Vasodilating actions of 2-nicotinamidoethyl nitrate on porcine and guinea-pig coronary arteries. J Pharmacol Exp Ther 1981 Jul;218(1):248-59

G

Gabaree WF Jr: The mandibular repositioning appliance, temporomandibular muscular balance, an athletic performance. J Conn State Dent Assoc 1981 Mar;55(1):6-8

Gabriel J: New 'movement synthesis' for nurses and patients. Nurs Careers 1981 Jan-Feb;2(1):22-3

Galbo H, Christensen NJ, Mikines KJ, et al: The effect of fasting on the hormonal response to graded exercise. J Clin Endocrinol Metab 1981 Jun;52(6):1106-12

Gallagher JE see **Dineen PF**

Gallagher KP see **Osakada G**

Gandee RN see **Mostardi RA**

Garcia E, Gueret P, Bennett M, et al: Real time computerization of two-dimensional echocardiography. Am Heart J 1981 Jun; 101(6):783-92

Garcia HA, Milner-Brown HS, Fisher MA: 'Turns' analysis in the physiological evaluation of neuromuscular disorders. J Neurol Neurosurg Psychiatry 1980 Dec;43(12):1091-7

Garcia-Herreros P see **Hutsebaut J**

Gardumi M see **Ferrari A**

Garhart SJ see **Winder WW**

Garron R see **Dobbins DA**

Garrow JS see **Warwick PM**

Garvie KJ see **Thomson JM**

Gasilin VS, Lupanov VP, Mazayev VP, et al: Bicycle ergometry criteria of myocardial ischemia in patients with stenosing atherosclerosis of coronary arteries depending on the initial electrocardiogram at rest. Adv Cardiol 1981;28:188-90

Gauthier R see **Massicotte D**

Gavazzi A, Falcone C, Ardissino D, et al: Test da sforzo positivo in assenza di dolore. Individuazione di una popolazione a rischio?

PHYSICAL FITNESS/SPORTS MEDICINE

G Ital Cardiol 1980;10(10):1328–33 (Eng. Abstr.) **(Ita)**
Gavrilescu S, Cristodorescu R, Deutsch G: Utilizarea probelor de efort pentru aprecierea eficienţei tratamentului digitalic în fibrilatia atrială. Corelaţii cu nivelul plasmatic al digoxinei. Rev Med Interna [Med Interna] 1980 Jul–Aug;32(4):325–38 (Eng. Abstr.) **(Rum)**
Gawel MJ, Glover V, Burkitt M, et al: The specific activity of platelet monoamine oxidase varies with platelet count during severe exercise and noradrenaline infusion. Psychopharmacology (Berlin) 1981;72(3):275–7
Gawlak E see Hasik J
Geelen G see Geyssant A
Geenen DL see Gilliam TB
Geesink RG see Brouwer PJ
Gehr P, Mwangi DK, Ammann A, et al: Design of the mammalian respiratory system. V. Scaling morphometric pulmonary diffusing capacity to body mass: wild and domestic mammals. Respir Physiol 1981 Apr;44(1):61–86
Gelfand R see Rothman HB
Genderini A see Catalano M
George G, Berk B: Exercise before, during, and after pregnancy. Top Clin Nurs 1981 Jul;3(2):33–9
Gerber C, Mumenthaler M: Hirnstamminsult: Neurologische Spätkomplikation eines Unfalles bei einem Deltasegler: eine Fallbeschreibung. Praxis 1981 Mar 17;70(12):521–4 (Eng. Abstr.) **(Ger)**
Gerber C, Senn E, Matter P: Skier's thumb. Surgical treatment of recent injuries to the ulnar collateral ligament of the thumb's metacarpophalangeal joint. Am J Sports Med 1981 May–Jun; 9(3):171–7
Gerhard H see Schachter EN
Gerhardt KR see Ferraro JA
Gerlag PG, van Rooy MJ, Booij A, et al: Successful treatment by plasmapheresis of respiratory insufficiency in myasthenia gravis. Clin Neurol Neurosurg 1980;82(4):237–43
Gerson RF see Singer RN
Geyssant A, Geelen G, Denis C, et al: Plasma vasopressin, renin activity, and aldosterone: effect of exercise and training. Eur J Applied Physiol 1981;46(1):21–30
Ghesquiere JL, Karvonen MJ: Some anthropometric and functional dimensions of the pygmy (Kivu Twa). Ann Hum Biol 1981 Mar–Apr;8(2):119–34
Ghislanzoni R, Cecchini G, Prato N: Gli effetti dello sport sulla colonna vertebrale e sul bacino nell'età evolutiva. Analisi radiologica. Radiol Med (Torino) 1980 Dec;66(12):915–22 (Eng. Abstr.) **(Ita)**
Giannuzzi P see Tavazzi L
Giarrusso A see Cartoni GP
Gibson RS, Taylor GJ, Watson DD, et al: Predicting the extent and location of coronary artery disease during the early postinfarction period by quantitative thallium–201 scintigraphy. Am J Cardiol 1981 May;47(5):1010–9
Gill DL see Huddleston S
Gilliam TB, Freedson PS, Geenen DL, et al: Physical activity patterns determined by heart rate monitoring in 6–7 year–old children. Med Sci Sports Exerc 1981;13(1):65–7
Giordano A see Tavazzi L
Gitis EI see Chedorova ZP
Giussi G see Caldeyro–Barcia R
Glass LB: Exercise therapy for the patient with pulmonary dysfunction. Top Clin Nurs 1981 Jul;3(2):87–93
Gleim GW, Witman PA, Nicholas JA: Indirect assessment of cardiovascular 'demands' using telemetry on professional football players. Am J Sports Med 1981 May–Jun;9(3):178–83
Glover V see Gawel MJ
Gluch H see Widuchowski J
Gobel MF, Nelson RR, Nordstrom LA, et al: Predictors of coronary artery disease from exercise stress testing. Minn Med 1981 Mar; 64(3):143–8
Gocke H see Buchbinder W
Godfrey S see Weiler–Ravell D
Godin G, Lagasse P, Boucher J, et al: Validation électromyographique d'exercices de conditionnement physique. Can J Appl Sport Sci 1981 Mar;6(1):45–51 (Eng. Abstr.) **(Fre)**
Godin G see Brunelle J
Godshall RW, Hansen CA, Rising DC: Stress fractures through the distal femoral epiphysis in athletes. A previously unreported entity. Am J Sports Med 1981 Mar–Apr;9(2):114–6
Gold S: Unicyclist's sciatica––a case report [letter] N Engl J Med 1981 Jul 23;305(4):231–2
Goldstein RE, Corash LC, Tallman JF Jr, et al: Shortened platelet survival time and enhanced heart rate responses after abrupt withdrawal of propranolol from normal subjects. Am J Cardiol 1981 May;47(5):1115–22
Golebiowska M, Chlebna–Sokol D, Mastalska A, et al: Ocena kliniczna leku teronac (Mazindol) w leczeniu dzieci otyłych. Cz. I. Wpływ leku na cechy somatyczne i wydolność wysiłkową. Przegl Lek 1981;38(2):311–4 (Eng. Abstr.) **(Pol)**
Gollnick PD, Timson BF, Moore RL, et al: Muscular enlargement and number of fibers in skeletal muscles of rats. J Appl Physiol 1981 May;50(5):936–43
Gonyea WJ, Diepstra G, Muntz KH, et al: Cardiovascular response to static exercise in the conscious cat. Circ Res 1981 Jun;48(6 Pt 2):163–9
Gonyea WJ: Muscle fiber splitting in trained and untrained animals. Exerc Sport Sci Rev 1980;8:19–39 (71 ref.)
Gonyea WJ see Longhurst JC
Gonzalez Panizza VH, Benedetti WL, Alvarez H: Spontaneous contractility of human placental vessels in vitro axipetal and isometric recording. Reproduccion 1980 Oct–Dec;4(4):335–9
Goodman MN see Schneider SH
Gordon RB see Krejci RC
Górski J see Pietrzyk K
Górski L see Markiewicz K
Goto F, Fujita T, Otani E, et al: The effect of indomethacin and adrenergic receptor blocking agents on rats and canine responses to endotoxin. Circ Shock 1980;7(4):413–24
Goyle BR see Sen Gupta JU
Graham K see Duffin J
Graham T: Alcohol ingestion and man's ability to adapt to exercise in a cold environment. Can J Appl Sport Sci 1981 Mar;6(1):27–31
Granata AL, Corsi A: osservazioni sulla resintesi dell'adenosintrifosfato e della fosfocreatina nel muscolo scheletrico durante il restauro. Riv Biol 1980;73(3):433–5 (Eng. Abstr.) **(Ita)**
Grant–Whyte H: 'Joggitis', 'marathonitis' and marathon mania [letter] S Afr Med J 1981 Jun 6;59(24):849–50
Grassi C, Casali L, Rampulla C, et al: Clinical efficacy trial: theophylline vs (dl) 3,7–dihydro–1,8–dimethyl–3–(2–methylbutyl)–1H–purine–2,6–di Int J Clin Pharmacol Ther Toxicol 1980 Dec;18(12):518–22
Gratas A, Dassonville J, Rochcongar P, et al: Etude comparative de quatre épreuves d'effort chez l'enfant de neuf ans. Interêt du systolic tension time. Eur J Applied Physiol 1981;46(1):55–68 (Eng. Abstr.) **(Fre)**
Gray GR see Gruber JJ
Gray GW see Sutton JR
Gray PR, Manning JM, Vaccaro P: Procedures for electrocardiographic monitoring during athletic competition. Am Correct Ther J 1981 Mar–Apr;35(2):52–4
Green HJ, Thomson JA, Daub BD, et al: Biochemical and histochemical alterations in skeletal muscle in man during a period of reduced activity. Can J Physiol Pharmacol 1980 Nov; 58(11):1311–6
Greene LE: Comparison of the binding of heavy meromyosin and myosin subfragment 1 in F–actin. Biochemistry 1981 Apr 14; 20(8):2120–6
Greene PR: Mechanical considerations in myopia: relative effects of accommodation, convergence, intraocular pressure, and the extraocular muscles. Am J Optom Physiol Opt 1980 Dec; 57(12):902–14
Gregorini L see Mancia G
Griffith DR see Crandall DL
Grimm J see Krayenbuehl HP
Gritsiuk AI, Netiazhenko VZ, Amosova EN, et al: Farmakodinamika trinitrolonga i sustaka po dannym testa s fizicheskoĭ nagruzkoĭ. Ter Arkh 1981;53(1):49–53 (Eng. Abstr.) **(Rus)**
Grood E see Paulos L
Grossi JA: Effects of an applied kinesiology technique on quadriceps femoris muscle isometric strength. Phys Ther 1981 Jul;61(7):1011–6
Gruber JJ, Gray GR: Factor patterns of variables influencing cohesiveness at various levels of basketball competition. Res Q Exerc Sport 1981 Mar;52(1):19–30
Guell A, Braak L, Bousquet J, et al: Orthostatic tolerance and exercise response before and after 7 days simulated weightlessness. Physiologist 1980 Dec;23(Suppl 6):S151–2
Gueret P see Garcia E
Guerin GJ see Fumich RM
Gugger RE see Mozersky SM
Gunby P: COPD therapy begins at home with breathing device [news] JAMA 1981 Jul 24–31;246(4):323–4
Gupta GD, Nautiyal A, Chetty PC, et al: Physical working capacity and aerobic work capacity of normal Indian adults. Indian J Chest Dis Allied Sci 1980 Jan–Mar;22(1):16–30
Gupta RC, Bhargava A, Sharma SK: Exercise and the amplitude of first heart sound in ischemic heart disease and normal subjects. Indian Heart J 1980 Nov–Dec;32(6):349–54
Guten G: Herniated lumbar disk associated with running. A review of 10 cases. Am J Sports Med 1981 May–Jun;9(3):155–9
Gyntelberg F, Mørck HI, Agner E, et al: Blood pressure reduction by change in life style. The CVD intervention study in Glostrup. Acta Med Scand [Suppl] 1981;646:10–14
Györe A see Frenkl R

H

Haber P see Silberbauer K
Haerten K see Horstkotte D

PHYSICAL FITNESS/SPORTS MEDICINE

Haffty BG see **Sugiura T**

Hagberg JM see **Hickson RC**

Hagerman FC see **Prince FP**

Haggerty TR see **Chelladurai P**

Hagman M see **Nyberg G**

Halfman MA, Hojnacki LH: Exercise and the maintenance of health. Top Clin Nurs 1981 Jul;3(2):1-10

Hall DA see **Blackett AD**

Hallbäck I see **Kanstrup IL**

Halsey W see **Kamer FM**

Hämeenaho P see **Aärynen M**

Hancock PA: Predictive validity of a computer model of body temperature during exercise. Med Sci Sports Exerc 1981; 13(1):31-3

Hanks BS, Stephens NL: Mechanics and energetics of lengthening of active airway smooth muscle. Am J Physiol 1981 Jul; 241(1):C42-6

Hanna TA: The challenge of mass medicine.
J Indiana State Med Assoc 1981 May;74(5):279-80

Hansen CA see **Godshall RW**

Hanson JS see **Chaitman BR**

Hanson PG, Flaherty DK: Immunological responses to training in conditioned runners. Clin Sci 1981 Feb;60(2):225-8

Harp R see **Alpert BS**

Harrington KA, Smith KH, Schumacher M, et al: Cardiac rehabilitation: evaluation and intervention less than 6 weeks after myocardial infarction. Arch Phys Med Rehabil 1981 Apr; 62(4):151-5

Harris PS see **Staudenmayer H**

Harris RC, Hultman E, Sahlin K: Glycolytic intermediates in human muscle after isometric contraction. Pfluegers Arch 1981 Mar;389(3):277-82

Harrison A see **Casciari RJ**

Harthoorn AM: Exertional myoglobinaemia in black wildebeest, and the influence of graduated exercise. J S Afr Vet Assoc 1980 Dec;51(4):265-70

Hartung GH, Rangel R: Exercise training in post-myocardial infarction patients: comparison of results with high risk coronary and post-bypass patients. Arch Phys Med Rehabil 1981 Apr; 62(4):147-50

Harvey MA, Harvey WA: Running: immunization against the diseases of hypokinesis. Top Clin Nurs 1981 Jul;3(2):41-51

Harvey WA see **Harvey MA**

Harwood E: Rationale, psychology, philosophy and reason for recreational activities for the frail aged. Aust Nurses J 1981 Feb; 10(7):38-9, 49

Hasik J, Gawlak E, Tycowa M: Leczenie otyłości prostej mazindolem w warunkach uzdrowiskowych. Pol Tyg Lek 1980 Nov 10;35(45):1729-31 (Eng. Abstr.) **(Pol)**

Haskell WL, Savin WM, Schroeder JS, et al: Cardiovascular responses to handgrip isometric exercise in patients following cardiac transplantation. Circ Res 1981 Jun;48(6 Pt 2):I156-61

Haskell WL see **Oldridge NB**

Hassan MO see **Floras JS**

Hatze H: A comprehensive model for human motion simulation and its application to the take-off phase of the long jump.
J Biomech 1981;14(3):135-42

Hawkins RW, Lyne ED: Skateboarding fractures.
Am J Sports Med 1981 Mar-Apr;9(2):99-102

Haycock CE: Contempo '81. Sports medicine. JAMA 1981 Jun 5;245(21):2223-5

Hayward J see **Dunford R**

Hecht HS, Hopkins JM, Rose JG, et al: Reverse redistribution: worsening of thallium-201 myocardial images from exercise to redistribution. Radiology 1981 Jul;140(1):177-81

Helgeland A see **Holme I**

Henderson NS, Tweedle CD, Kabara JJ: Cholinesterase in muscle of dystrophic hamsters (Bio-40.54). Neurochem Res 1980 Dec; 5(12):1221-30

Hendry WG, Silke B, Taylor SH: Haemodynamic dose-response effects of i.v. metoprolol in coronary heart disease.
Eur J Clin Pharmacol 1981;19(5):323-7

Henquet JW, Kho T, Schols M, et al: The sympathetic nervous system and the renin-angiotensin system in borderline hypertension. Clin Sci 1981 Jan;60(1):25-31

Henry JH, Craven PR Jr: Surgical treatment of patellar instability: indications and results. Am J Sports Med 1981 Mar-Apr; 9(2):82-5

Herbison GJ, Jaweed MM, Ditunno JF: Response of type I fibers to weight lifting in rat plantaris. Arch Phys Med Rehabil 1981 Jul;62(7):342-4

Herlitz J see **Holm G**

Herwig K see **Schwarzenbach M**

Herzer JA see **Horstkotte D**

Herzig JW, Peterson JW, Rüegg JC, et al: Vanadate and phosphate ions reduce tension and increase cross-bridge kinetics in chemically skinned heart muscle. Biochim Biophys Acta 1981 Jan 21;672(2):191-6

Hettinger T: Individuelle Leistungsfähigkeit und berufliche Leistungsanforderung. Soz Praeventivmed 1980 Dec; 25(6):397-400 (Eng. Abstr.) **(Ger)**

Heuberger S see **Tritthart HA**

Hickson RC, Rosenkoetter MA: Reduced training frequencies and maintenance of increased aerobic power.
Med Sci Sports Exerc 1981;13(1):13-6

Hickson RC, Hagberg JM, Ehsani AA, et al: Time course of the adaptive responses of aerobic power and heart rate to training.
Med Sci Sports Exerc 1981;13(1):17-20

Hietanen E see **Peltonen P**

Hikida RS see **Prince FP**

Hillman H: Boxing. Resuscitation 1980 Dec;8(4):211-5

Hintermister R see **Clarkson PM**

Hjermann I see **Holme I**

Ho KL see **Reyes MP**

Hoag LL see **Stephens RL**

Hoare J see **Brooke JD**

Hoare J see **Jasinskas CL**

Hobbs SF see **Rowell LB**

Hoffmann G see **Pohle W**

Hofmann I see **Pielesch W**

Hogan C see **Boots S**

Hojnacki LH: Fitness evaluation. Top Clin Nurs 1981 Jul; 3(2):11-22

Hojnacki LH see **Halfman MA**

Hollien H see **Rothman HB**

Hollmann W, Liesen H, Rost R, et al: Uber das Leistungsverhalten und die trainierbarkeit im Alter. Aktule Gerontol 1981 May; 11(3):91-5 (Eng. Abstr.) **(Ger)**

Holm G, Herlitz J, Smith U: Severe hypoglycaemia during physical exercise and treatment with beta-blockers.
Br Med J [Clin Res] 1981 Apr 25;282(6273):1360

Holman RT see **Winder WW**

Holme I, Helgeland A, Hjermann I, et al: Physical activity at work and at leisure in relation to coronary risk factors and social class. A 4-year mortality follow-up. The Oslo study.
Acta Med Scand 1981;209(4):277-83

Holmen MG, Parkhouse BL: Trends in the selection of coaches for female athletes: a demographic inquiry.
Res Q Exerc Sport 1981 Mar;52(1):9-18

Holmgren A see **Borg G**

Holt JW 3d see **Bozymski EM**

Homer LD see **Olerud JE**

Honeysett J: Swimming aids for laryngectomees. Nurs Times 1981 Jun 11;77(24):1045-6

Hopkins JM see **Hecht HS**

Horgan JD see **Llaurado JG**

Horský I, Kočisko V: Zriedkavý druh epifyzeolýzy.
Acta Chir Orthop Traumatol Cech 1981 Feb;48(1):88-90 (Eng. Abstr.) **(Slo)**

Horstkotte D, Haerten K, Herzer JA, et al: Preliminary clinical and hemodynamic results after mitral valve replacement using St. Jude Medical prostheses in comparison with the Björk-Shiley valve. Thorac Cardiovasc Surg 1981 Apr;29(2):93-9

Horton ES: The role of exercise in the treatment of hypertension in obesity. Int J Obes 1981;5 suppl 1:165-71 (35 ref.)

Horwitz DL see **Martin MJ**

Hosler WW see **Morrow JR Jr**

Hossack KF, Kusumi F, Bruce RA: Approximate normal standards of maximal cardiac output during upright exercise in women.
Am J Cardiol 1981 May;47(5):1080-6

Houston CS see **Sutton JR**

Howson MG see **Metias EF**

Huber EG, Stix EM, Bock L: Psychologische Aspekte des juvenilen Spitzensportlers. Paediatr Padol 1981;16(2):171-8 (Eng. Abstr.) **(Ger)**

Huber W see **Lindenmaier HL**

Huddleston S, Gill DL: State anxiety as a function of skill level and proximity to competition. Res Q Exerc Sport 1981 Mar; 52(1):31-4

Hudler J, Vacek Z, Matějovský Z, et al: Achillodynie, morfologické změny po aplikaci Kenalogu.
Acta Chir Orthop Traumatol Cech 1981 Feb;48(1):84-7 (Eng. Abstr.) **(Cze)**

Hula J, Smíd J, Topolčan O, et al: Výskyt a význam extrasystol při námahovém testu. Cas Lek Cesk 1981 Mar 19;120(11):317-20 (Eng. Abstr.) **(Cze)**

Hultman E, Sahlin K: Acid-base balance during exercise.
Exerc Sport Sci Rev 1980;8:41-128 (234 ref.)

Hultman E see **Harris RC**

Hunding A, Jordal R, Paulev PE: Runner's anemia and iron deficiency. Acta Med Scand 1981;209(4):315-8

Hunt GC see **Nelson RM**

Hunt SM, McKenna SP, McEwen J, et al: A quantitative approach to perceived health status: a validation study.
J Epidemiol Community Health 1980 Dec;34(4):281-6

Hunt SM see **McKenna SP**

Hunter LY: The female athlete. Med Times 1981 Jun;109(6):48-57

Hutsebaut J, Scano G, Garcia-Herreros P, et al: Hemodynamic characteristics in chronic obstructive lung disease as related to cardiac size. Respiration 1981;41(1):25-32

PHYSICAL FITNESS/SPORTS MEDICINE

Huttunen NP see **Koivisto VA**

Hwang O see **Meisheri KD**

I

Ialovaia NI see **Shubin VI**

Iavorskaia LA see **Fomina NG**

Ignatowska-Switalska H, Wocial B, Skórka B, et al: Plasma renin activity, aldosterone and cortisol levels during physical exercise in essential hypertension. Acta Physiol Pol 1980;31(6):631-5

Iida M see **Okamoto T**

Iles RA see **Cohen RD**

Il'iash MG, Sledzevskaia IK: Osobennosti kislorodnogo obespecheniia fizicheskoĭ nagruzki v protsesse reabilitatsii bol'nykh, perenesshikh infarkt miokarda, oslozhnennyĭ anevrizmoĭ serdtsa. Ter Arkh 1980;52(12):28-31 (Eng. Abstr.) **(Rus)**

Ilker HG see **Buchbinder W**

Ilmarinen J, Rutenfranz J: Occupationally induced stress, strain and peak loads as related to age. Scand J Work Environ Health 1980 Dec;6(4):274-82

Imbriani M see **Minelli R**

Imms FJ: The use of physiological techniques for monitoring of progress during rehabilitation following fractures of the lower limb. Int Rehabil Med 1980;2(4):131-8 (33 ref.)

Inglis AE, Sculco TP: Surgical repair of ruptures of the tendo Achillis. Clin Orthop 1981 May;(156):160-9

Insall J, Joseph DM, Aglietti P, et al: Bone-block iliotibial-band transfer for anterior cruciate insufficiency. J Bone Joint Surg [Am] 1981 Apr;63(4):560-9

Islam MS see **Szmidt M**

Ismail HM, Ranatunga KW: Isometric contractions of normal and spastic human skeletal muscle. Muscle Nerve 1981 May-Jun; 4(3):214-8

Israel RG, Davidson PC, Albrink MJ, et al: Exercise effects on fitness, lipids, glucose tolerance and insulin levels in young adults. Arch Phys Med Rehabil 1981 Jul;62(7):336-41

Issekutz B Jr: Effects of glucose infusion on hepatic and muscle glycogenolysis in exercising dogs. Am J Physiol 1981 May; 240(5):E451-7

Itoh T see **Furukawa K**

Iwazumi T, Pollack GH: The effect of sarcomere non-uniformity on the sarcomere length-tension relationship of skinned fibers. J Cell Physiol 1981 Mar;106(3):321-37

J

Jacob HA see **Afifi KF**

Jacobs B see **Pavlov H**

Jacobs I, Kaiser P, Tesch P: Muscle strength and fatigue after selective glycogen depletion in human skeletal muscle fibers. Eur J Applied Physiol 1981;46(1):47-53

Jaeger M: La pathologie de la plongée sportive en scaphandre. Schweiz Z Sportmed 1981 Mar;29(1):12-6 (Eng. Abstr.) **(Fre)**

Jaffe BF: Are water and tympanotomy tubes compatible? Laryngoscope 1981 Apr;91(4):563-4

James FW, Donaldson VH: Decreased exercise tolerance and hypertension in severe hereditary deficiency of plasma kininogens [letter] Lancet 1981 Apr 18;1(8225):889

James FW: Exercise testing in normal individuals and patients with cardiovascular disease. Cardiovasc Clin 1981;11(2):227-46 (26 ref.)

James S see **Leach RE**

Janczewska H, Bogdański W, Trzebski A: Influence of alpha and beta adrenergic receptors blockade on the adrenolytic effect of muscular work. Acta Physiol Pol 1980;31(5):469-74

Janczewska H, Maslinski S: The influence of H1- and H2-receptor blockade on responses of resistance and capacitance vessels to noradrenaline in working skeletal muscles in cats. Agents Actions 1981 Apr;11(1-2):119-22

Jansma P see **French R**

Jantti R see **Myles WS**

Janzon L, Bergentz SE, Ericsson BF, et al: Intermittent claudication and hypertension. Ankle pressure and walking distance in patients with well-treated and non-treated hypertension. Angiology 1981 Mar;32(3):175-9

Jasinskas CL, Wilson BA, Hoare J: Entrainment of breathing rate to movement frequency during work at two intensities. Respir Physiol 1980 Dec;42(3):199-209

Jaweed MM see **Herbison GJ**

Jaźdżewski B see **Markiewicz K**

Jervell J see **Erikssen J**

Jobe FW see **Tibone JE**

Johansen AH see **Erikssen J**

Johnson RH see **Duncan O**

Johnson RJ see **Eriksson E**

Johnson RS: Can you alter your heart disease risk? [news] JAMA 1981 May 15:245(19):1903-8

Johnston RK see **Lipscomb AB**

Jones JG see **Papakostopoulos D**

Jones JV see **Floras JS**

Jones NL see **Sutton JR**

Jones RH see **Behr MJ**

Joó F see **Dux E**

Jordal R see **Hunding A**

Jörgensen I see **Kiens B**

Joseph DM see **Insall J**

K

Kabara JJ see **Henderson NS**

Kadota K, Kambara H, Kawai C, et al: Myocardial perfusion assessed with thallium-201 and left heart volume measured by radiocardiogram at rest and during exercise in patients with coronary artery disease. Jpn Circ J 1981 Feb;45(2):163-70

Kaiser P see **Jacobs I**

Kajiwara M see **Furukawa K**

Kalia M, Mei SS, Kao FF: Central projections from ergoreceptors (C fibers) in muscle involved in cardiopulmonary responses to static exercise. Circ Res 1981 Jun;48(6 Pt 2):I48-62

Kaloianova A see **Beloev I**

Kambara H see **Kadota K**

Kamen G see **Petrofsky JS**

Kamer FM, Halsey W: The two-layer rhytidectomy. Arch Otolaryngol 1981 Jul;107(7):450-3

Kanehisa H, Miyashita M: An attempt at the classification of adolescents into sprint or endurance types. J Sports Med Phys Fitness 1980 Dec;20(4):441-6

Kanehisa H see **Miyashita M**

Kanstrup IL, Hallbäck I: Cardiac output measured by acetylene rebreathing technique at rest and during exercise. Comparison of results obtained by various calculation procedures. Pfluegers Arch 1981 May;390(2):179-85

Kao FF see **Kalia M**

Kaplan MM, Swartz SL, Larsen PR: Partial peripheral resistance to thyroid hormone. Am J Med 1981 May;70(5):1115-21

Kartodihardjo W see **Alpert BS**

Karvonen J: Fysiologisk anpassning till fysisk träning på hög höjd. Lakartidningen 1981;78(14):1445-7 (Eng. Abstr.) **(Swe)**

Karvonen MJ see **Ghesquiere JL**

Kassirsky GI, Sizentseva GP, Fomina NG: Electrocardiographic evaluation of the bicycle ergometric test in cardiosurgical patients. Adv Cardiol 1981;28:175-7

Kavan Z, Vanek J: Zur Problematik der Stress-Fraktur der Patella. Beitr Orthop Traumatol 1981 Mar;28(3):144-7 (Eng. Abstr.) **(Ger)**

Kavanagh T see **Shephard RJ**

Kawai C see **Kadota K**

Kawakami Y: [Exercise testing in chronic pulmonary emphysema (author's transl)] Nippon Kyobu Shikkan Gakkai Zasshi 1980 Oct;18(10):705-10 (Eng. Abstr.) **(Jpn)**

Kawakami Y, Kishi F, Yamamoto H, et al: Role of chemosensitivity during exercise in normal subjects and patients with pulmonary emphysema. Respiration 1981;41(1):1-7

Kawiak W, Stelmasiak Z, Kroze Z, et al: Wpływ kineziterapii na pH, pO2 i pCO2 w krawi włośniczkowej konczyn centralnie porażonych u chorych po udarze mózgu. Neurol Neurochir Pol 1980;14(6):609-16 (Eng. Abstr.) **(Pol)**

Kellermann JJ see **Shirom A**

Kelly AR see **Longhurst JC**

Kelly DT see **Dunn RF**

Kendregan BA see **Belman MJ**

Kennedy GT see **Starling MR**

Keren G, Shonfeld Y, Sohar E: Prevention of damage by sport activity in hot climates. J Sports Med Phys Fitness 1980 Dec; 20(4):452-9

Keren G see **Shoenfeld Y**

Keul J, Dickhuth HH, Simon G, et al: Effect of static and dynamic exercise on heart volume, contractility, and left ventricular dimensions. Circ Res 1981 Jun;48(6 Pt 2):I162-70

Keul J see **Berg A**

Kho T see **Henquet JW**

Kiens B, Jörgensen I, Lewis S, et al: Increased plasma HDL-cholesterol and apo A-1 in sedentary middle-aged men after physical conditioning. Eur J Clin Invest 1980 Jun; 10(3):203-9

Kiers A, van der Mark TW, Woldring MG, et al: Determination of the functional residual capacity during exercise. Ergonomics 1980 Oct;23(10):955-9

Kilbom A, Persson J: Cardiovascular response to combined dynamic and static exercise. Circ Res 1981 Jun;48(6 Pt 2):I93-7

Kilbom A see **Astrand I**

Kindley RT see **Eggleston PA**

Kirby RL, Simms FC, Symington VJ, et al: Flexibility and musculoskeletal symptomatology in female gymnasts and age-matched controls. Am J Sports Med 1981 May-Jun; 9(3):160-4

Kirschner P see **Schwarzkopf W**

PHYSICAL FITNESS/SPORTS MEDICINE

Kirstein P see **Nye ER**
Kishi F see **Kawakami Y**
Kivity S, Souhrada JF: Hyperpnea: the common stimulus for bronchospasm in asthma during exercise and voluntary isocapnic hyperpnea. Respiration 1980;40(4):169–77
Kizakevich PN see **Petrovick ML**
Kizer KW, Milroy WC: Dysbarism associated with alcohol abuse: a case report. Hawaii Med J 1981 Jan;40(1):12–5
Kizlich D see **Tworzewski M**
Klaus S, Erdmann A: Vereinfachte Methodik des Schwimmtests bei der Maus. Z Versuchstierkd 1980;22(5–6):296–8 (Eng. Abstr.) **(Ger)**
Klein AA: Exercise–tolerance testing in children. Pediatr Ann 1981 Mar;10(3):106–12
Klein NA see **Fein SA**
Klenerman L see **Patterson S**
Klepzig H see **Strasser R**
Kline RC see **Rizi HR**
Kliueva NZ see **Breslav IS**
Knoebel SB see **O'Donnell J**
Knowles CJ: Concerns of teachers about implementing individualized instruction in the physical education setting. Res Q Exerc Sport 1981 Mar;52(1):48–57
Knowles RD: Handling depression through activity. Am J Nurs 1981 Jun;81(6):1187
Knutson R see **Aloia GF**
Köbberling J see **Mayer G**
Kochbeck E see **Liappis N**
Kočisko V see **Horský I**
Kodama K see **Chandler JP**
Koivisto VA: Diabetes in the elderly: what role for exercise? Geriatrics 1981 Jun;36(6):74–7, 81–3
Koivisto VA, Huttunen NP, Vierikko P: Continuous subcutaneous insulin infusion corrects exercise–induced albuminuria in juvenile diabetes. Br Med J [Clin Res] 1981 Mar 7;282(6266):778–9
Kölbel R see **Rohlmann A**
Komanicky PM see **Schneider SH**
Komi PV see **Viitasalo JT**
König P: Prevention of asthma with cromolyn. J Asthma Res 1981 Jan;18(1):31–3
Kononova VA: Ul'trastrukturnye osnovy narushenii metabolizma miokarda pri fizicheskikh nagruzkakh v usloviiakh adaptatsii k vysokogor'iu. Arkh Patol 1981;43(2):66–71 (Eng. Abstr.) **(Rus)**
Korcok M: Pregnant jogger: what a record! [news] JAMA 1981 Jul 17;246(3):201
Korcok M: Summer Olympics to be under ozone cloud [news] JAMA 1981 Jul 17;246(3):202
Kordower JH see **Bodnar RJ**
Korhonen UR, Koskinen M, Linnaluoto M, et al: Left ventricular function after dynamic and static exercise in ischaemic heart disease. Ann Clin Res 1980 Dec;12(6):299–307
Kornerup HJ see **Pedersen EB**
Korr IM: The spinal cord as organizer of disease processes: IV. Axonal transport and neurotrophic function in relation to somatic dysfunction. JAOA 1981 Mar;80(7):451–9
Korr KS see **Boden WE**
Koskinen M see **Korhonen UR**
Kozlowski S see **Brzezińska Z**
Kozma A see **Stones MJ**
Kramer B see **Massie BM**
Krampitz JB see **Shen CH**
Krasnikov VE, Pugina TM, Semenovitch SI: Correlation between bicycle ergometric data and integral topography in patients with myocardial infarction. Adv Cardiol 1981;28:72–4
Krauze M see **Nowotny J**
Krayenbuehl HP, Grimm J, Turina M, et al: Assessment of left ventricular function in aortic valve disease by isometric exercise. Circ Res 1981 Jun;48(6 Pt 2):I149–55
Krebs DE: Clinical electromyographic feedback following meniscectomy. A multiple regression experimental analysis. Phys Ther 1981 Jul;61(7):1017–21
Krejci RC, Gordon RB, Moran CT, et al: Changes in intraocular pressure during acute exercise. Am J Optom Physiol Opt 1981 Feb;58(2):144–8
Kristeva R see **Becker W**
Križ M: Fyzicka zdatnost 18–ročnych brancov Prešovského okresu. Cesk Zdrav 1981 Mar;29(3):102–9 (Eng. Abstr.) **(Slo)**
Kroze Z see **Kawink W**
Kruschwitz S, Aurich I: Zum Gesundheitszustand werktätiger Frauen in der DDR Ergebnisse sozialgynäkologischer Untersuchungen zur Tauglichkeit und Überwachung. Z Gesamte Hyg 1981;27(3):222–5 (Eng. Abstr.) **(Ger)**
Kuberasampath T, Bose SM: Effect of adjuvant induced arthritis on the mechanical properties and thermal behavior of skin and tendon. Connect Tissue Res 1981;8(2):93–100
Kubicek WF 3d see **Tradowsky M**
Kuei SC see **Woo SL**
Kumada T see **Osakada G**
Kumar S: Physiological responses to weight lifting in different planes. Ergonomics 1980 Oct;23(10):987–93
Kuner EH see **Lindenmaier HL**
Kusumi F see **Hossack KF**

L

Lab MJ: Transient depolarisation and action potential alterations following mechanical changes in isolated myocardium. Cardiovasc Res 1980 Dec;14(11):624–37
Lagasse P see **Godin G**
Lambie DG see **Duncan O**
Lamont LS: Effects of training on echocardiographic dimensions and systolic time intervals in women swimmers. J Sports Med Phys Fitness 1980 Dec;20(4):397–404
Landau LI see **Schnall RP**
Landel RF see **Brody GS**
Lansen TA see **Stevens AR**
Laricheva KA see **Shubin VI**
Larsen JS see **Pedersen EB**
Larsen PR see **Kaplan MM**
Larson CR see **Cooker HS**
Larson SJ see **Sances A Jr**
Laslett LJ see **Amsterdam EA**
Lassvik C: Angina pectoris in the cold. Effects of cold environment and cold air inhalation at exercise test. Acta Med Scand [Suppl] 1981;644:21–2
Laursen LC see **Eickhoff JH**
Lazarus B, Cullinane E, Thompson PD: Comparison of the results and reproducibility of arm and leg exercise tests in men with angina pectoris. Am J Cardiol 1981 May;47(5):1075–9
Lazarus B see **Cullinane E**
Leach RE, James S, Wasilewski S: Achilles tendinitis. Am J Sports Med 1981 Mar–Apr;9(2):93–8
Leach RE: Rx exercise: effects and side effects. Hosp Pract 1981 Jan;16(1):72A–72C, 72G passim
Lederer RJ: Aptitude et contre–indications à la plongée sportive. Schweiz Z Sportmed 1981 Mar;29(1):33–8 (Eng. Abstr.) **(Fre)**
Ledingham JM see **Parfrey PS**
Lee G see **Low RI**
Lee H: Heat stroke and community runs [letter] Br Med J 1981 May 23;282(6277):1705
Lee M see **Schachter EN**
Legg SJ: The effect of abdominal muscle fatigue and training on the intra–abdominal pressure developed during lifting. Ergonomics 1981 Mar;24(3):191–5
Lehr U: Turnen und Sport im Alter. Aktule Gerontol 1981 May; 11(3):100–5 (Eng. Abstr.) **(Ger)**
Leigh JS Jr see **Chance B**
Lennon DL see **Carter AL**
Leong KH see **Behr MJ**
Lerner AM see **Reyes MP**
Letac B, Decorbière P, Barthes P, et al: Effet de l'entrainement physique intensif sur les lipides sanguins. Etude chez les marathoniens. Nouv Presse Med 1981 Feb 14;10(6):403–6 (Eng. Abstr.) **(Fre)**
Letac B, Richard C, Cribier A, et al: La pratique sportive, thérapeutique de la maladie coronarienne. Rev Prat 1981 May 1;31(25):1795–8, 1801–2, 1805–7 (Eng. Abstr.) **(Fre)**
LeVeau BF see **Devine KL**
Levine WS see **Zajac FE**
Levitsky LL, Paton JB, Fisher DE, et al: Uptake and release of energy substrates, oxygen, and carbon dioxide by the hindlimb of the fasting infant baboon. Biol Neonate 1981;39(1–2):105–12
Levy SE see **Mohsenifar Z**
Lewis RP see **Stang JM**
Lewis S see **Kiens B**
Lewis SF see **Blomqvist CG**
Liappis N, Kochbeck E, Eckhardt G, et al: Aminosäurenverluste im menschlichen Schweiss. Einfluss von Hormoneinnahme, körperlichem Training und vom Geschlecht auf die Aminosäurenausscheidung im Schweiss. Arch Dermatol Res 1980;269(3):311–23 (Eng. Abstr.) **(Ger)**
Licheri D see **Scotto P**
Liesen H see **Hollmann W**
Limet R see **Soyeur D**
Lind AR, Dahms TE, Williams CA, et al: The blood flow through the 'resting' arm during hand–grip contractions. Circ Res 1981 Jun;48(6 Pt 2):I104–9
Lind AR see **Petrofsky JS**
Lind AR see **Shepherd JT**
Lind AR see **Williams CA**
Lindblad I see **Borg G**
Lindenmaier HL, Kuner EH, Huber W: Der Unterschenkelbruch––immer noch die häufigste Skifraktur? Aktuel Traumatol 1981 Apr;11(2):52–5 (Eng. Abstr.) **(Ger)**
Linder CW, DuRant RH, Seklecki RM, et al: Preparticipation health screening of young athletes. Results of 1268 examinations. Am J Sports Med 1981 May–Jun;9(3):187–93
Linnaluoto M see **Korhonen UR**
Lino A see **Cassone R**

PHYSICAL FITNESS/SPORTS MEDICINE

Lipscomb AB, Johnston RK, Snyder RB: The technique of cruciate ligament reconstruction. Am J Sports Med 1981 Mar-Apr; 9(2):77-81

Lisý Z, Chrástek J, Tomásek R, et al: Srovnání reakce hypertenzních a dialyzovaných osob na tělesnou zátěž. Cas Lek Cesk 1981 Feb 26;120(8):224-8 (Eng. Abstr.) **(Cze)**

Little HW, Meyer WL: Partial purification and characterization of the components of the neutral ribonuclease II-inhibitor system of normal and distrophic mouse skeletal muscle. Can J Biochem 1981 Mar;59(3):220-31

Ljungqvist A see **Adolfsson J**

Llaurado JG, Smith GA, Madden JA: Effects of exercise on kinetics and distribution of K-43 and Tl-201 in isolated myocardium: concise communication. J Nucl Med 1981 May;22(5):441-6

Llaurado JG, Horgan JD, Bamrah VS, et al: Computerized quantitation of regional myocardial perfusion in man. Int J Biomed Comput 1980 Nov;11(6):501-10

Llaurado JG: Computers to aid athletes' performance [editorial] Int J Biomed Comput 1981 Jan;12(1):3-5

Llaurado JG, Madden JA, Smith GA: Differences between 201Tl and 43K tissue distribution in rested and exercises rats. Nuklearmedizin 1981 Feb;20(1):49-5

Logan R, Burridge P: Pre-discharge exercise testing involving weight carrying after myocardial infarction. NZ Med J 1981 Feb 11;93(677):69-71

Löllgen H see **Drexler H**

Longhurst JC, Kelly AR, Gonyea WJ, et al: Chronic training with static and dynamic exercise: cardiovascular adaptation, and response to exercise. Circ Res 1981 Jun;48(6 Pt 2):I171-8

Loos WC, Fox JM, Blazina ME, et al: Acute posterior cruciate ligament injuries. Am J Sports Med 1981 Mar-Apr;9(2):86-92

Lopez T see **Rockstein M**

Lösse B, von Lierde C, Rafflenbeul D, et al: Wert der Thallium-201-Myokardszintigraphie für die Beurteilung des Funktionszustandes aortokoronarer Bypass-Gefässe. Z Kardiol 1981 Apr;70(4):231-7 (Eng. Abstr.) **(Ger)**

Loughlin GM see **Cloutier MM**

Lovelace DE see **O'Donnell J**

Low RI, Takeda P, Lee G, et al: Effects of diltiazem-induced calcium blockade upon exercise capacity in effort angina due to chronic coronary artery disease. Am Heart J 1981 Jun; 101(6):713-8

Lowey S see **Megerman J**

Ludwig DA see **Rupnow A**

Luijendijk SC, Zwart A, van der Kooij AM, et al: Evaluation of alveolar amplitude response technique for determination of lung perfusion in exercise. J Appl Physiol 1981 May;50(5):1071-8

Lund-Johansen P: Hemodynamic and metabolic long-term effects of tienilic acid in essential hypertension. Acta Med Scand [Suppl] 1981;646:106-14

Lupanov VP see **Gasilin VS**

Luschei ES see **Cooker HS**

Lutz W see **Markiewicz K**

Lyne ED see **Hawkins RW**

Lysyĭ LT: Sostoianie énergeticheskogo obmena nekotorykh tkanei krys v nachal'nom periode posle travmy miagkikh tkanei. Patol Fiziol Eksp Ter 1981 Jan-Feb;(1):64-9 (Eng. Abstr.) **(Rus)**

M

Maaroos JA, Eha JE: ECG exercise test and selective coronary angiography in patients with coronary artery disease. Adv Cardiol 1981;28:181-2

Maass U, Nissen P, Zick R, et al: Adaptative Veränderungen im Kohlenhydratstoffwechsel bei arterieller Verschlusskrankheit. II. Einseitige isolierte Belastung des Unterschenkels. Vasa 1981; 10(1):36-40 (Eng. Abstr.) **(Ger)**

McAllister RG Jr: Effects of antihypertensive drug therapy on responses to isometric exercise. South Med J 1981 Jun; 74(6):700-3

McAnulty JH see **Rahimtoola SH**

McCarroll JR: Acute dislocation of the patella resulting in a comminuted patella fracture. A case report. Am J Sports Med 1981 Mar-Apr;9(2):117-8

McCarroll JR see **Fleming RE Jr**

McColl D see **Sali A**

McDonald CA: Enzyme levels after running [letter] JAMA 1981 Jul 3;246(1):40-1

MacDougall D, Sale D: Continuous vs. interval training: a review for the athlete and the coach. Can J Appl Sport Sci 1981 Jun; 6(2):93-7 (34 ref.)

MacDougall D see **Sale D**

Mace BE see **Mallya RK**

McEwen J see **Hunt SM**

McEwen J see **McKenna SP**

McFadden ER Jr: An analysis of exercise as a stimulus for the production of airway obstruction. Lung 1981;159(1):3-11 (49 ref.)

McHenry PL, Richmond HW, Weisenberger BL, et al: Evaluation of abnormal exercise electrocardiogram in apparently healthy subjects: labile repolarization (ST-T) abnormalities as a cause of false positive responses. Am J Cardiol 1981 May;47(5):1152-60

McHenry PL see **Froelicher VF**

Machinskiĭ GV: Vliianie urovnia dvigatel'noi aktivnosti na aérobnuiu proizvoditel'nost' zdorovogo cheloveka. Kosm Biol Aviakosm Med 1981 Jan-Feb;15(1):54-6 (Eng. Abstr.) **(Rus)**

McKenna SP, Hunt SM, McEwen J: Mine rescue workers: their perceived health and absence from work. Occup Health (Lond) 1981 Feb;33(2):70-4

McKenna SP see **Hunt SM**

McKirnan MD see **Ditchey RV**

McMurray RG see **Siebers LS**

McNicol K, Taunton JE, Clement DB: Iliotibial tract friction syndrome in athletes. Can J Appl Sport Sci 1981 Jun;6(2):76-80

McPherson JJ: Objective evaluation of a splint designed to reduce hypertonicity. Am J Occup Ther 1981 Mar;35(3):189-94

Madden JA see **Llaurado JG**

Madsen L see **Bundgaard A**

Mager M see **Francesconi R**

Magill RA see **Reeve TG**

Magyar P see **Szmidt M**

Mäkelä M see **Aärynen M**

Malina RM, Mueller WH: Genetic and environmental influences on the strength and motor performance of Philadelphia school children. Hum Biol 1981 May;53(2):163-79

Mallya RK, Mace BE: The assessment of disease activity in rheumatoid arthritis using a multivariate analysis. Rheumatol Rehabil 1981 Feb 1;20(1):14-7

Maloiy GM see **Seeherman HJ**

Maloiy GM see **Taylor CR**

Malpass CA Jr, Schuman SH, Sobczyk R: Waterslide injuries. Ann Emerg Med 1981 Jul;10(7):360-3

Manca C, Bruno G, Burani F, et al: Analisi automatica delle modificazioni indotte dal metoprololo sull'ECG da sforzo in pazienti con angina stabile. G Ital Cardiol 1979;9(10):1104-9 (Eng. Abstr.) **(Ita)**

Mancia G, Ferrari A, Gregorini L, et al: Alfametildopa e controllo nervoso del circolo nella ipertensione essenziale. Boll Soc Ital Cardiol 1980;25(2):113-22 (Eng. Abstr.) **(Ita)**

Mandelli V see **Bosisio E**

Mann GV: Medical care for the fitness revolution. South Med J 1981 Mar;74(3):261-3

Mannebach H see **Mertens HM**

Manning JM see **Gray PR**

Manthorpe R see **Oxlund H**

Maraghi S see **Atfy AK**

Marchetti M see **Ricci B**

Margen S see **Schutz Y**

Mari F see **Bertol E**

Mariani J, Maton B: Le recrutement des unités motrices au cours de flexions du coude chez l'homme. Electrodiagn Ther 1979; 16(1):32-40 (Eng. Abstr.) **(Fre)**

Mariotti G see **Radice M**

Markiewicz K, Lutz W, Cholewa M: Changes in concentrations of basic energy-yielding substrates in plasma during maximal effort and postexercise restitution in relation to training level. Acta Physiol Pol 1980;31(5):453-62

Markiewicz K, Cholewa M, Górski L, et al: Effect of training on left ventricular contraction dynamics at rest and during maximal exercise. Acta Physiol Pol 1980;31(6):593-600

Markiewicz K, Cholewa M, Jażdżewski B, et al: Plasma biochemical changes and acid-base equilibrium changes in capillary blood nursing frequency repeated submaximal physical exercise in untrained subjects. Acta Physiol Pol 1980;31(6):601-11

Marliss EB see **Minuk HL**

Marniemi J see **Peltonen P**

Marra S, Paolillo V, Spadaccini F, et al: La riabilitazione fisica. Un ulteriore strumento terapeutico nel trattamento della malattia coronarica. Minerva Cardioangiol 1981 Jan-Feb;29(1-2):19-26 (43 ref.) (Eng. Abstr.) **(Ita)**

Marsh HO see **Zacharias CK**

Martin BJ, Stager JM: Ventilatory endurance in athletes and non-athletes. Med Sci Sports Exerc 1981;13(1):21-6

Martin MJ, Horwitz DL, Nattrass M, et al: Effects of mild hyperinsulinemia on the metabolic response to exercise. Metabolism 1981 Jul;30(7):688-94

Martinek TJ: Pygmalion in the gym: a model for the communication of teacher expectations in physical education. Res Q Exerc Sport 1981 Mar;52(1):58-67

Martinez E see **Pichard AD**

Martynov AA, Baĭbakova TG, Belinskaia TF, et al: Prognozirovanie fizicheskoi rabotosposobnosti u bol'nykh gipertonicheskoi bolezn'iu. Kardiologiia 1981 Mar;21(3):47-50 (Eng. Abstr.) **(Rus)**

Maslinski S see **Janczewska H**

Massey PM: General practitioner at the Olympic Games. Br Med J 1981 May 23;282(6277):1675-6

Massicotte D, Gauthier R, Quinney A, et al: Intercorrelations entre les composantes du test d'évaluation de la performance physique II de A.C.S.E.P.R. Can J Appl Sport Sci 1981 Mar;6(1):11-5 (Eng. Abstr.) (Fre)

Massie B, Botvinick E, Arnold S, et al: Contrast enhancement of thallium-201 myocardial scintigrams: improved sensitivity with diminished specificity in coronary disease detection. Am Heart J 1981 July;102(1):37-44

Massie BM, Kramer B, Shen E, et al: Vasodilator treatment with isosorbide dinitrate and hydralazine in chronic heart failure. Br Heart J 1981 Apr;45(4):376-84

Mastalska A see **Golebiowska M**

Matějovský Z see **Hudler J**

Mathew B see **Williams JF Jr**

Mathias CJ see **Naik RB**

Mathis PC, Wohl H, Wallach SR, et al: Lack of release of platelet factor 4 during exercise-induced myocardial ischemia. N Engl J Med 1981 May 21;304(21):1275-8

Matos B see **Mariani J**

Matousek J see **Přibil M**

Matter P see **Gerber C**

Mautner RK, Phillips JH: Coronary angiography post first myocardial infarction in the asymptomatic or mildly symptomatic patient: clinical, angiographic, and prospective observations. Cathet Cardiovasc Diagn 1981;7(1):1-11

Mayer G, Wessel J, Köbberling J: Failure of naloxone to alter exercise-induced growth hormone and prolactin release in normal men. Clin Endocrinol (Oxf) 1980 Nov;13(5):413-6

Mayer LR see **Farrar RP**

Mays LL see **Bochantin J**

Mazayev VP see **Gasilin VS**

Mazzetta F see **Sperati G**

Megerman J, Lowey S: Polymerization of myosin from smooth muscle of the calf aorta. Biochemistry 1981 Apr 14;20(8):2099-110

Mei SS see **Kalia M**

Meinel A see **Pfaff G**

Meisenberg G: Short-term behavioral effects of posterior pituitary peptides in mice. Peptides (Fayetteville) 1981 Spring;2(1):1-8

Meisheri KD, Hwang O, van Breemen C: Evidence for two separated Ca2+ pathways in smooth muscle plasmalemma. J Membr Biol 1981 Mar 15;59(1):19-25

Meisner W see **Fitscha P**

Mellits ED see **Blumenthal DS**

Melnick W see **Ferraro JA**

Mennen U: A survey of spinal injuries from diving. A study of patients in Pretoria and Cape town. S Afr Med J 1981 May 23;59(22):788-90

Merrick J, Axen K: Inspiratory muscle function following abdominal weight exercises in healthy subjects. Phys Ther 1981 May;61(5):651-6

Mertens HM, Mannebach H, Trieb G, et al: Influence of heart rate on systolic time intervals: effects of atrial pacing versus dynamic exercise. Clin Cardiol 1981 Jan;4(1):22-7

Messerli FH: The antihypertensive effect of jogging--a hypothesis [letter] N Engl J Med 1981 Jul 30;305(5):286

Mészáros J see **Frenkl R**

Metcalfe J, Dunham MJ, Olsen GD, et al: Respiratory and hemodynamic effects of methadone in pregnant women. Respir Physiol 1980 Dec;42(3):383-93

Metias EF, Cunningham DJ, Howson MG, et al: Reflex effects on human breathing of breath-by-breath changes of the time profile of alveolar PCO2 during steady hypoxia. Pfluegers Arch 1981 Mar;389(3):243-50

Metral S, Cassar G: Relationship between force and integrated EMG activity during voluntary isometric anisotonic contraction. Eur J Applied Physiol 1981;46(2):185-98

Meyer BM see **Wilson NV**

Meyer M see **di Prampero PE**

Meyer WL see **Little BW**

Meyer-Erkelenz JD see **Bertram B**

Mikines KJ see **Galbo H**

Miller ER see **Forsythe WA**

Miller KW see **Sauter JF**

Miller NH see **Berra K**

Miller PM, Sims KL: Evaluation and component analysis of a comprehensive weight control program. Int J Obes 1981;5(1):57-65

Miller WC see **Bradley BL**

Milner-Brown HS see **Garcia HA**

Milroy WC see **Kizer KW**

Minasian DJ: The exercise EKG--who needs it? Trans Assoc Life Insur Med Dir Am 1980;63:176-83

Minelli R, Aquilani R, Imbriani M, et al: La prestazione funzionale cardiorespiratoria sotto sforzo controllato in un gruppo di calciatori, vincitori del massimo campionato italiano di calcio. Boll Soc Ital Biol Sper 1980 Nov 15;56(21):2241-7 (Eng. Abstr.) **(Ita)**

Minelli R see **Capelo A**

Minner SH see **Aloia GF**

Minor TE see **D'Alessio D**

Minovich AI, Vatsadze TG: Izmenenie osnovnykh pokazateleĭ tsentral' noĭ gemodinamiki u zdorovykh i bol'nykh gipertonicheskoĭ bolezn'iu pri fizicheskoĭ nagruzke. Kardiologiia 1981 Mar;21(3):44-7 (Eng. Abstr.) **(Rus)**

Mintz S see **Niinimaa V**

Minuk HL, Vranic M, Marliss EB, et al: Glucoregulatory and metabolic response to exercise in obese noninsulin-dependent diabetes. Am J Physiol 1981 May;240(5):E458-64

Miserez P: Le dopage et ses effets cardio-vasculaires. Rev Prat 1981 May 1;31(25):1827-31 (Eng. Abstr.) **(Fre)**

Mital A, Ayoub MM: Effect of task variables and their interactions in lifting and lowering loads. Am Ind Hyg Assoc J 1981 Feb;42(2):134-42

Mitchell D see **Cohen I**

Mitchell JH, Schibye B, Payne FC 3d, et al: Response of arterial blood pressure to static exercise in relation to muscle mass, force development, and electromyographic activity. Circ Res 1981 Jun;48(6 Pt 2):170-5

Miyashita M, Kanehisa H: Correlation between efficiency in cycling and maximal power of human extensor muscles. J Sports Med Phys Fitness 1980 Dec;20(4):365-70

Miyashita M see **Kanehisa H**

Mizuno K see **Okamoto T**

Mogensen CE see **Vittinghus E**

Mognoni P see **Saibene F**

Mohsenifar Z, Tashkin DP, Levy SE, et al: Lack of sensitivity of measurements of Vd/Vt at rest and during exercise in detection of hemodynamically significant pulmonary vascular abnormalities in collagen vascular disease. Am Rev Respir Dis 1981 May;123(5):508-12

Moll CB see **Binder SA**

Molla A see **Vallet B**

Mondon CE see **Zavaroni I**

Moore RL see **Gollnick PD**

Moran CT see **Krejci RC**

Mørck HI see **Gyntelberg F**

Morey M see **Williams RS**

Morris AH see **Elliott CG**

Morris SN see **Faris JV**

Morris VB see **Torg JS**

Morrow JR Jr, Hosler WW, Nelson JK: A comparison of women intercollegiate basketball players, volleyball players and non-athletes. J Sports Med Phys Fitness 1980 Dec;20(4):435-40

Mosdal C, Bang F: Intradural spinal metastases. Acta Neurochir (Wien) 1981;56(1-2):107-10

Moskala H see **Nowotny J**

Mostardi RA, Gandee RN, Norris WA: Exercise training using arms and legs versus legs along. Arch Phys Med Rehabil 1981 Jul;62(7):332-5

Mowle AF: To run or not to run - that is the question and reply: ascorbate (Vit. C) utilisation and stressful physical exertion. Australas Nurses J 1981 Jan-Feb;10(2):29-30

Mozersky SM, Valentine KM, Gugger RE, et al: Further observations on the chromatography of myosin preparations on hydroxyapatite. J Chromatogr 1981 Mar 27;207(3):395-402

Mrwa U see **Rüegg JC**

Mudd JG see **Williams CA**

Mueller WH see **Malina RM**

Muff S see **Smolenski C**

Muhr H see **Brandesky G**

Mulder JA: Patient compliance to individualized home exercise programs. J Fam Pract 1981 Jun;12(6):991-6

Mumenthaler M see **Gerber C**

Münch EO see **Frankenberger A**

Muntz KH see **Gonyea WJ**

Murphy RA see **Driska SP**

Murray PA, Vatner SF: Abnormal coronary vascular response to exercise in dogs with severe right ventricular hypertrophy. J Clin Invest 1981 May;67(5):1314-23

Murtagh JE: Exercises for your back. Aust Fam Physician 1981 Apr;10(4):241

Musur M, Seyfried A: Usprawnianie lecznicze chorych na reumatoidalne zapalenie stawów z upośledzeniem funkcji ręki. Reumatologia 1980;18(4):409-15 (Eng. Abstr.) **(Pol)**

Muthiah CM, Sodhi HS: The effect of training on some morphological parameters of top-ranking Indian basketball players. J Sports Med Phys Fitness 1980 Dec;20(4):405-12

Muzhilo MS: Tolerantnost' k fizicheskoĭ nagruzke bol'nykh s mitral'nym i mitral'no-trikusidal'nym porokom serdtsa. Vopr Revm 1981 Jan-Mar;(1):19-23 (Eng. Abstr.) **(Rus)**

Mwangi DK see **Gehr P**

Myles WS, Dick MR, Jantti R: Heart rate and rope skipping intensity. Res Q Exerc Sport 1981 Mar;52(1):76-9

N

Nadel JA see **Sheppard D**

Naik RB, Mathias CJ, Wilson CA, et al: Cardiovascular and autonomic reflexes in haemodialysis patients. Clin Sci 1981 Feb;

PHYSICAL FITNESS/SPORTS MEDICINE

60(2):165-70
Nakaya M see **Saiki H**
Natale A see **Corsini G**
Nattrass M see **Martin MJ**
Nautiyal A see **Gupta GD**
Nazar K see **Brzezińska Z**
Neelson FA see **Skyler JS**
Nelson JK see **Morrow JR Jr**
Nelson RM, Hunt GC: Strength-duration curve: intrarater and interrater reliability. Phys Ther 1981 Jun;61(6):894-7
Nelson RR see **Gobel MF**
Netiazhenko VZ see **Gritsiuk AI**
New ML see **Tator CH**
Nicholas JA see **Gleim GW**
Nicholson MR: Heat stroke and community runs [letter] Br Med J [Clin Res] 1981 May 9;282(6275):1544-5
Nicol CJ, Bruce DS: Effect of hyperthyroidism on the contractile and histochemical properties of fast and slow twitch skeletal muscle in the rat. Pfluegers Arch 1981 Apr;390(1):73-9
Niinimaa V, Cole P, Mintz S, et al: Oronasal distribution of respiratory airflow. Respir Physiol 1981 Jan;43(1):69-75
Nikoletseas MM: Exercise-induced sucrose suppression in the rat. Physiol Behav 1981 Jan;26(1):145-6
Nishida O see **Arita K**
Nisoli M see **Oh S**
Nissen P see **Maass U**
Nitenberg A see **Castaigne A**
Nitter-Hauge S: Correlation studies between employability, left ventricular hemodynamics and exercise ECG before and after aortocoronary bypass surgery. Acta Med Scand [Suppl] 1981; 645:1-7
Nizankowski R see **Szczeklik A**
Noakes TD: Sugar for energy in marathon running [letter] S Afr Med J 1981 Jul 11;60(2):46
Nordemar R: Physical training in rheumatoid arthritis: A controlled long-term study. II. Functional capacity and general attitudes. Scand J Rheumatol 1981;10(1):25-30
Nordemar R, Ekblom B, Zachrisson L, et al: Physical training in rheumatoid arthritis: a controlled long-term study. I. Scand J Rheumatol 1981;10(1):17-23
Nordstrom LA see **Gobel MF**
Norman RW see **Pierrynowsi MR**
Norris WA see **Mostardi RA**
Novák J, Zeman V: Otužování a sportovní otužování u osob vyššího věku. Cesk Zdrav 1981 Mar;29(3):123-6 (Eng. Abstr.) **(Cze)**
Novák M see **Feitová S**
Nowotny J, Krauze M, Moskala H, et al: Pomiar okresu ciszy po odruchu Hoffmanna jako wskaźnik wpływu kinezyterapii na spastyczność u dzieci z porażeniem mózgowym. Pol Tyg Lek 1980 Nov 10;35(45):1741-3 (Eng. Abstr.) **(Pol)**
Noyes FR see **Paulos L**
Nuckols ML, Piantadosi CA: Calibration and characterization of heat flow transducers for use in hyperbaric helium. Undersea Biomed Res 1980 Dec;7(4):249-56
Nyberg G, Bjurö T, Hagman M, et al: Relation between ST-depression and chest pain in patients with coronary heart disease receiving no treatment and after beta-blockade and combined alpha-beta-blockade. Acta Med Scand [Suppl] 1981; 644:30-3
Nye ER, Carlson K, Kirstein P, et al: Changes in high density lipoprotein subfractions and other lipoproteins by exercise. Clin Chim Acta 1981 Jun 2;113(1):51-7

O

O'Brien KP: Sports urology: the vicious cycle [letter] N Engl J Med 1981 May 28;304(22):1367-8
Odaglia G see **Sereni G**
O'Donnell J, Knoebel SB, Lovelace DE, et al: Computer quantitation of Q-T and terminal T wave (aT-eT) intervals during exercise: methodology and results in normal men. Am J Cardiol 1981 May;47(5):1168-72
O'Dwyer WF see **O'Neill S**
Oh S, Nisoli M: Schwere Kollisionskopfverletzung beim Skifahren und ihre Prävention. Praxis 1981 Mar 3;70(10):408-13 (Eng. Abstr.) **(Ger)**
Ohtsuki T: Decrease in grip strength induced by simultaneous bilateral exertion with reference to finger strength. Ergonomics 1981 Jan;24(1):37-48
Ohtsuki T: Inhibition of individual fingers during grip strength exertion. Ergonomics 1981 Jan;24(1):21-36
Okamoto T, Mizuno K, Iida M, et al: Ophthalmoplegia-plus. Its occurrence with periventricular diffuse low density on computed tomography scan. Arch Neurol 1981 Jul;38(7):423-6
Oldridge NB, Haskell WL, Single P: Carotid palpation, coronary heart disease and exercise rehabilitation. Med Sci Sports Exerc 1981;13(1):6-8
Olerud JE, Homer LD, Carroll HW: Serum myoglobin levels associated with severe exercise. Milit Med 1981 Apr;146(4):274-6
Olowoyeye JO, Thadani U, Parker JO: Slow release oxprenolol in angina pectoris: study comparing oxprenolol, once daily, with propranolol, four times daily. Am J Cardiol 1981 May; 47(5):1123-7
Olsen GD see **Metcalfe J**
Omote S see **Yasue H**
O'Neill S, Walker F, O'Dwyer WF: Blunt chest trauma causing myocardial infarction--an unusual football injury. Ir Med J 1981 May;74(5):138
Opstad PK, Aakvaag A: The effect of a high calory diet on hormonal changes in young men during prolonged physical strain and sleep deprivation. Eur J Applied Physiol 1981;46(1):31-9
Orlando RC see **Bozymski EM**
Orményi I: Opyt primeneniia razlichnykh tipov vrachebno-meteorologicheskikh prognozov. Vopr Kurortol Fizioter Lech Fiz Kult 1981 Mar-Apr;(2):25-9 (Eng. Abstr.) **(Rus)**
Osakada G, Kumada T, Gallagher KP, et al: Reduction of exercise-induced ischemic regional myocardial dysfunction by verapamil in conscious dogs. Am Heart J 1981 Jun;101(6):707-12
Otani E see **Goto F**
Oxlund H, Manthorpe R, Viidik A: The biochemical properties of connective tissue in rabbits as influenced by short-term glucocorticoid treatment. J Biomech 1981;14(3):129-33

P

Palmer WK, Studney TA, Doukas S: Exercise-induced increases in myocardial adenosine 3',5'-cyclic monophosphate and phosphodiesterase activity. Biochim Biophys Acta 1981 Jan 7; 672(1):114-22
Panda BK see **De AK**
Paolillo V see **Marra S**
Papakostopoulos D, Jones JG: The impact of different levels of muscular force on the contingent negative variation (CNV). Prog Brain Res 1980;54:195-202
Paraskos JA see **Cutler BS**
Pardy RL, Rivington RN, Despas PJ, et al: The effects of inspiratory muscle training on exercise performance in chronic airflow limitation. Am Rev Respir Dis 1981 Apr;123(4 Pt 1):426-33
Pardy RL, Rivington RN, Despas PJ, et al: Inspiratory muscle training compared with physiotherapy in patients with chronic airflow limitation. Am Rev Respir Dis 1981 Apr;123(4 Pt 1):421-5
Pare JC see **Betriu A**
Parfrey PS, Wright P, Ledingham JM: Prolonged isometric exercise. Part 2: Effect on circulation and on renal excretion of sodium and potassium in young males genetically predisposed to hypertension. Hypertension 1981 Mar-Apr;3(2):188-91
Parfrey PS, Wright P, Ledingham JM: Prolonged isometric exercise. Part 1: Effect on circulation and on renal excretion of sodium and potassium in mild essential hypertension. Hypertension 1981 Mar-Apr;3(2):182-7
Parker JL, Adams HR: Contractile dysfunction of atrial myocardium from endotoxin-shocked guinea pigs. Am J Physiol 1981 Jun;240(6):H954-62
Parker JO see **Olowoyeye JO**
Parkhouse BL see **Holmen MG**
Parmley WW see **Perez-Gonzales JF**
Pasini GP see **Astorri E**
Paton JB see **Levitsky LL**
Patsouros K see **Cokkinos DV**
Patterson R, Fisher SV: Cardiovascular stress of crutch walking. Arch Phys Med Rehabil 1981 Jun;62(6):257-60
Patterson RP see **Fisher SV**
Patterson S, Klenerman L, Biswas M, et al: The effect of pneumatic tourniquets on skeletal muscle physiology. Acta Orthop Scand 1981;52(2):171-5
Paulev PE see **Hunding A**
Paulos L, Noyes FR, Grood E, et al: Knee rehabilitation after anterior cruciate ligament reconstruction and repair. Am J Sports Med 1981 May-Jun;9(3):140-9
Pavlov H, Torg JS, Jacobs B, et al: Nonunion of olecranon epiphysis: two cases in adolescent baseball pitchers. AJR 1981 Apr;136(4):819-20
Pavlov H see **Torg JS**
Payne FC 3d see **Mitchell JH**
Peacock B, Westers T, Walsh S, et al: Feedback and maximum voluntary contraction. Ergonomics 1981 Mar;24(3):223-8
Pearl AJ: Anterior compartment syndrome: a case report. Am J Sports Med 1981 Mar-Apr;9(2):119-20
Pedersen EB, Kornerup HJ, Larsen JS: The renin-aldosterone system during exercise in young patients with essential hypertension. Acta Med Scand [Suppl] 1981;646:90-93
Pedone V see **De Martino E**
Pedotti A see **Boccardi S**
Pelton JD see **Sprigings EJ**
Peltonen P, Marniemi J, Hietanen E, et al: Changes in serum lipids,

PHYSICAL FITNESS/SPORTS MEDICINE

lipoproteins, and heparin releasable lipolytic enzymes during moderate physical training in man: a longitudinal study. Metabolism 1981 May;30(5):518-26

Peng ST see **Brody GS**

Perez-Gonzales JF, Schiller NB, Parmley WW: Direct and noninvasive evaluation of the cardiovascular response to isometric exercise. Circ Res 1981 Jun;48(6 Pt 2):I138-48

Perez-Gonzalez JE: Factors determining the blood pressure responses to isometric exercise. Circ Res 1981 Jun;48(6 Pt 2):I76-86 (43 ref.)

Perini C see **Pogliani EM**

Pernot C: Aptitude cardio-vasculaire au sport chez l'enfant. Rev Prat 1981 May 1;31(25):1785-8, 1793 (Eng. Abstr.) **(Fre)**

Persson J see **Kilbom A**

Peterson CV Jr see **Stainsby WN**

Peterson JW see **Herzig JW**

Petlina LP see **Yurasov VS**

Petrelius A: Sport och ögonskador. Racketsporter orsakade 40 procent. Lakartidningen 1980 Dec 3;77(49):4648-52 (Eng. Abstr.) **(Swe)**

Petrofsky JS, Phillips CA: The influence of body fat on isometric exercise performance. Ergonomics 1981 Mar;24(3):215-22

Petrofsky JS, Phillips CA, Lind AR: The influence of fiber composition, recruitment order and muscle temperature on the pressor response to isometric contractions in skeletal muscle of the cat. Circ Res 1981 Jun;48(6 Pt 2):I32-6

Petrofsky JS, Williams C, Kamen G, et al: The effect of handgrip span on isometric exercise performance. Ergonomics 1980 Dec;23(12):1129-35

Petrofsky JS see **Sawka MN**

Petrovick ML, Kizakevich PN, Stacy RW, et al: A comprehensive cardiac exercise stress processor for environmental health effects studies. J Med Syst 1980;4(2):137-50

Pevc J see **Pust B**

Pfaff G, Meinel A: Rollschuhfahrer--auch in der Unfallambulanz immer häufiger. Eine erste Analyse der Verletzungen durch diesen Modesport. Chirurg 1981 Mar;52(3):178-81 (Eng. Abstr.) **(Ger)**

Pfisterer M: Sport, körperliche Aktivität und koronares Risiko. Z Kardiol 1981 Feb;70(2):104-10 (Eng. Abstr.) **(Ger)**

Phillips CA see **Petrofsky JS**

Phillips CA see **Sawka MN**

Phillips JH see **Mautner RK**

Piantadosi CA see **Nuckols ML**

Pic A see **Broustet JP**

Pichard AD, Wiener I, Martinez E, et al: Septal myocardial perfusion imaging with thallium-201 in the diagnosis of proximal left anterior descending coronary artery disease. Am Heart J 1981 July;102(1):30-6

Pichler M see **Charuzi Y**

Picozzi R see **Tarolo GL**

Piegaia G see **Bertol E**

Pielesch W, Riedel E, Hofmann I, et al: Beitrag zur Einschätzung des Leistungsrestes bei Patienten mit pulmonalen Erkrankungen auf der Grundlage kardiopulmonaler und ergometrischer Parameter. Z Erkr Atmungsorgane 1981;156(1):85-93 (Eng. Abstr.) **(Ger)**

Pierides AM, Edwards WG Jr, Cullum UX Jr, et al: Hemodialysis encephalopathy with osteomalacic fractures and muscle weakness. Kidney Int 1980 Jul;18(1):115-24

Pierrynowsi MR, Norman RW, Winter DA: Mechanical energy analyses of the human during local carriage on a treadmill. Ergonomics 1981 Jan;24(1):1-14

Pietropaolo F see **Corsini G**

Pietrzyk K, Górski J: Effect of exercise on glycogen level in the skin of the rat. Acta Physiol Pol 1980;31(5):571-3

Pincock DG see **Voegeli FA**

Pisani G: Patologia sportiva traumatica del piede. Minerva Med 1981 May 7;72(18):1139-42 (Eng. Abstr.) **(Ita)**

Planeix T see **Fouache Y**

Platt LD see **Artal R**

Pogliani EM, Fantasia R, Perini C, et al: Prevention of in vivo platelet aggregation by indobufen in angina patients during exercise. J Int Med Res 1981;9(2):113-9

Pohle W, Schümichen C, Hoffmann G, et al: Szintigraphische Diagnostik von Sportverletzungen: Rippenserienfrakturen bei Golfspierlern. ROEFO 1981 Feb;134(2):196-8 (Eng. Abstr.) **(Ger)**

Pollack GH see **Iwazumi T**

Popova V see **Beloev I**

Porter IA see **Reid TM**

Portney LG see **Blackburn SE**

Ports TA see **Chatterjee K**

Potter RD see **Williams JF Jr**

Potts RC see **Robertson AJ**

Powles AC see **Sutton JR**

Pozenel H: Ergometric and hemodynamic studies on a new cardiotonic agent AR-L 115 BS. Arzneimittelforsch 1981;31(1a):263-6

Prato N see **Ghislanzoni R**

Precht K see **Röseler E**

Premachandra BN see **Winder WW**

Presber W: Das Schwimmen als Therapie bei Erkrankungen und Schädigungen des Bewegungsapparates. Beitr Orthop Traumatol 1981 Mar;28(3):164-74 (Eng. Abstr.) **(Ger)**

Přibil M, Matousek J: Vliv teploty vzduchu ve vyšetřovací místnosti na výsledky spiroergometrického vyšetření. Cas Lek Cesk 1981 Feb 26;120(8):215-8 (Eng. Abstr.) **(Cze)**

Price PA, Darvell BW: Force and mobility in the ageing human tongue. Med J Aust 1981 Jan 24;1(2):75-8

Prietto C see **Tibone JE**

Prince FP, Hikida RS, Hagerman FC, et al: A morphometric analysis of human muscle fibers with relation to fiber types and adaptations to exercise. J Neurol Sci 1981 Feb;49(2):165-79

Prokop EK see **Chandler JP**

Prompers LA see **Brouwer PJ**

Prudnikov VM, Bakharev AM: Mikrokalorimetricheskiĭ i miograficheskiĭ analiz prichin, obuslovliĭvaiushchikh izmenenie otnosheniia vydelennogo tepla k vypolnennoĭ rabote pri myshechnoĭ deiatel'nosti. Fiziol Zh SSSR 1981 Feb;67(2):313-9 (Eng. Abstr.) **(Rus)**

Pshedetskaia AD, Ermolaeva LM: Vliianie adaptatsii k kholodu na membrannyĭ potentsial pokoia myshechnogo volokna. Fiziol Zh SSSR 1981 Feb;67(2):320-4 (Eng. Abstr.) **(Rus)**

Pugina TM see **Krasnikov VF**

Pullos N see **Dawson WJ**

Purvis JW, Cureton KJ: Ratings of perceived exertion at the anaerobic threshold. Ergonomics 1981 Apr;24(4):295-300

Puşchiţă M see **Cristodorescu R**

Pust B, Pevc J: The influence of endurance training on left ventricular function. J Sports Med Phys Fitness 1980 Dec;20(4):359-64

Q

Quinney A see **Massicotte D**

Quinney HA see **Evans JA**

Quirion A see **Vogelaere P**

Qvist J, Weber RE, Zapol WM: Oxygen equilibrium properties of blood and hemoglobin of fetal and adult Weddell seals. J Appl Physiol 1981 May;50(5):999-1005

R

Radice M, De Ambroggi L, Mariotti G, et al: Valore diagnostico di metodiche incruente e follow-up in soggetti giovani asintomatici con test da sforzo positivo. G Ital Cardiol 1979;9(10):1110-7 (Eng. Abstr.) **(Ita)**

Radomyski A see **Zieliński J**

Rafflenbeul D see **Lösse B**

Rahimtoola SH, McAnulty JH: 'High-risk' bundle branch block. Hosp Pract 1981 Jan;16(1):73-80, 85-7, 91-2

Raizner AE see **Fuller CM**

Rajkumar K, Sharma PL: Effect of ovulation on the response of the rabbit oviduct to acetylcholine in vitro. Int J Fertil 1981;26(1):57-60

Ramesar KC see **Robertson AJ**

Ramos CG see **Berson BL**

Rampulla C see **Grassi C**

Ranatunga KW see **Ismail HM**

Rangel R see **Hartung GH**

Rarick GL see **Dobbins DA**

Rasmussen FV see **Bundgaard A**

Ratnam KV see **Sim MK**

Razamat LIu see **Dumbadze GG**

Reddan W see **Smith EL Jr**

Reddy SV see **Yaksh TL**

Reduto LA, Wickemeyer WJ, Young JB, et al: Left ventricular diastolic performance at rest and during exercise in patients with coronary artery disease. Assessment with first-pass radionuclide angiography. Circulation 1981 Jun;63(6):1228-37

Reeve TG, Magill RA: The role of the components of knowledge of results information in error correction. Res Q Exerc Sport 1981 Mar;52(1):80-5

Reggiani E see **Sereni G**

Regnier CH see **Susset JG**

Reid TM, Porter IA: An outbreak of otitis externa in competitive swimmers due to Pseudomonas aeruginosa. J Hyg (Lond) 1981 Jun;86(3):357-62

Reilly T: Ergonomic aspects of sport and recreation. Can J Appl Sport Sci 1981 Mar;6(1):1-10

Reilly T see **Evans AD**

Reinecke M, Walther C: Ultrastructural changes with high activity and subsequent recovery at locust motor nerve terminals. A stereological analysis. Neuroscience 1981;6(3):489-503

Reppert SM see **Carr DB**

Reyes MP, Lerner AM, Ho KL: Diminution in the size of the thymus in mice during forced swimming. J Infect Dis 1981 Feb;

143(2):292
Rhaly AG, Diallo MH, Diané M: Trait drépanocytaire et sport au Mali. A propos de 19 sportifs porteurs du trait drépanocytaire à Bamako. Dakar Med 1980;25(4):339-42 (Eng. Abstr.) **(Fre)**
Ricci B, Marchetti M, Figura F: Biomechanics of sit-up exercises. Med Sci Sports Exerc 1981;13(1):54-9
Richard C see **Letac B**
Richards C, Bouchard JP, Bouchard R, et al: A preliminary study of dynamic muscle function in hereditary ataxia. Can J Neurol Sci 1980 Nov;7(4):367-77
Richmond DR see **Freedman B**
Richmond HW see **McHenry PL**
Richter EA, Sonne B, Christensen NJ, et al: Role of epinephrine for muscular glycogenolysis and pancreatic hormonal secretion in running rats. Am J Physiol 1981 May;240(5):E526-32
Rieck A see **Dupuis H**
Riedel E see **Pieiesch W**
Riegel PS: Athletic records and human endurance. Am Sci 1981 May-Jun;69(3):285-90
Riggio G see **Birkui PJ**
Rising DC see **Godshall RW**
Rissmann CH see **Brunelle J**
Rivington RN see **Pardy RL**
Rizi HR, Kline RC, Thrall JH, et al: Thallium-201 myocardial scintigraphy: a critical comparison of seven-pinhole tomography and conventional planar imaging. J Nucl Med 1981 Jun; 22(6):493-9
Rizzo A see **Bonsignore G**
Robertson AJ, Ramesar KC, Potts RC, et al: The effect of strenuous physical exercise on circulating blood lymphocytes and serum cortisol levels. J Clin Lab Immunol 1981 Jan;5(1):53-7
Rochcongar P see **Gratas A**
Rockstein M, Chesky JA, Lopez T: Effects of exercise on the biochemical aging of mammalian myocardium. I. Actomyosin ATPase. J Gerontol 1981 May;36(3):294-7
Rocque P see **Simard T**
Roda L see **Tarolo GL**
Rodahl K see **Erikssen J**
Rodano R see **Boccardi S**
Rodkey WG see **Cabaud HE**
Rodríguez M, Trujillo F, Vivancos J, et al: Influencia de los cambios de postura y del ejercicio físico sobre la presión oncótica y la proteinemia. Rev Esp Fisiol 1981 Mar;37(1):71-4 (Eng. Abstr.) **(Spa)**
Rohlmann A, Bergmann G, Kölbel R: Die Beanspruchung des Femur. II. Einfluss des Tractus iliotibialis. Z Orthop 1981 Apr; 119(2):163-6 (Eng. Abstr.) **(Ger)**
Rolnick AM see **Berson BL**
Ron M, Shapiro A, Caine M: The action of bromocriptine on human detrusor muscle. Urol Res 1980 Dec 19;8(4):207-9
Rose JG see **Hecht HS**
Röseler E, Aurisch R, Precht K, et al: Haemodynamic and metabolic responses to physical training in chronic renal failure. Proc Eur Dial Transplant Assoc 1980;17:702-6
Rosenkoetter MA see **Hickson RC**
Rosenrot P see **Brooke JD**
Rosier SP see **Fouache Y**
Ross AS see **Blake RL**
Rost R: Der Einfluss von Beta-Rezeptorenblockern auf belastungsinduzierte Extrasystolen. Med Klin 1981 May 8; 76(10):284-7 (Eng. Abstr.) **(Ger)**
Rost R see **Hollmann W**
Rostain JC: La plongée a très grande profondeur. Schweiz Z Sportmed 1981 Mar;29(1):17-22 (Eng. Abstr.) **(Fre)**
Röthlisberger M see **Schwarzenbach M**
Rothman HB, Gelfand R, Hollien H, et al: Speech intelligibility at high helium-oxygen pressures. Undersea Biomed Res 1980 Dec;7(4):265-75
Rowe CR, Zarins B: Recurrent transient subluxation of the shoulder. J Bone Joint Surg [Am] 1981 Jul;63A(6):863-72
Rowell LB, Freund PR, Hobbs SF: Cardiovascular responses to muscle ischemia in humans. Circ Res 1981 Jun;48(6 Pt 2):137-47
Rube N, Secher NH: Paradoxical influence of encouragement on muscle fatigue. Eur J Applied Physiol 1981;46(1):1-7
Ruben JA, Bennett AF: Intense exercise, bone structure and blood calcium levels in vertebrates. Nature 1981 Jun 4;291(5814):411-3
Rubin SA see **Chatterjee K**
Rüegg JC, Sparrow MP, Mrwa U: Cyclic-AMP mediated relaxation of chemically skinned fibers of smooth muscle. Pfluegers Arch 1981 May;390(2):198-201
Rüegg JC see **Herzig JW**
Ruhling RO, Storer TW: A simple, accurate technique for determining work rate (watts) on the treadmill. J Sports Med Phys Fitness 1980 Dec;20(4):387-9
Rumbaugh B see **Basta LL**
Rupnow A, Ludwig DA: Psychometric note on the reliability of the sport competition anxiety test: form C. Res Q Exerc Sport 1981 Mar;52(1):35-7
Rupp H: The adaptive changes in the isoenzyme pattern of myosin from hypertrophied rat myocardium as a result of pressure overload and physical training. Basic Res Cardiol 1981 Jan-Feb; 76(1):79-88
Rusch NJ, Shepherd JT, Webb RC, et al: Different behavior of the resistance vessels of the human calf and forearm during contralateral isometric exercise, mental stress, and abnormal respiratory movements. Circ Res 1981 Jun;48(6 Pt 2):I118-30
Rutenfranz J, Andersen KL, Seliger V, et al: Maximum aerobic power and body composition during the puberty growth period similarities and differences between children of two European countries. Eur J Pediatr 1981 May;136(2):123-33
Rutenfranz J see **Ilmarinen J**
Rutskii VV see **Tkachenko SS**

S

Saarikivi I see **Alihanka J**
Sachs ML: Running therapy for the depressed client. Top Clin Nurs 1981 Jul;3(2):77-86
Sahlin K see **Harris RC**
Sahlin K see **Hultman E**
Saibene F, Mognoni P, Aguggini G, et al: Work of breathing in dog during exercise. J Appl Physiol 1981 May;50(5):1087-92
Saiki H, Saiki M, Nakaya M, et al: Relation between physiological effects of gravitational forces and that of magnetic forces. Physiologist 1980 Dec;23(Suppl 6):S149-50
Saiki M see **Saiki H**
Saisho A see **Sheppard D**
Sakamoto K see **Anzai I**
Sale D, MacDougall D: Specificity in strength training: a review for the coach and athlete. Can J Appl Sport Sci 1981 Jun; 6(2):87-92 (36 ref.)
Sale D see **MacDougall D**
Sales C, Wiersma JA: Simplified thigh brace for arthroscopy. Am J Sports Med 1981 Mar-Apr;9(2):121-2
Sali A, McColl D, Dicker G: The extent of injuries in VFL footballers. Aust Fam Physician 1981 Mar;10(3):169-70, 172
Saliou B see **Broustet JP**
Salminen A, Vihko V: Proteolytic capacity in mouse cardiac muscle following strenuous exercise. Experientia 1981 Mar 15; 37(3):226-7
Sances A Jr, Weber RC, Larson SJ, et al: Bioengineering analysis of head and spine injuries. CRC Crit Rev Bioeng 1981;5(2):79-122 (340 ref.)
Sanz GA see **Betriu A**
Sasaki T: [Exercise program for the rehabilitation of patients with chronic severe respiratory failure (author's transl)] Nippon Kyobu Shikkan Gakkai Zasshi 1980 Oct;18(10):711-8 (Eng. Abstr.) **(Jpn)**
Sastroasmoro S: Recent advances in childhood asthma. Paediatr Indones 1980 Nov-Dec;20(11-12):236-87 (197 ref.)
Saunamäki KI, Damgaard Andersen J: Early exercise test in the assessment of long-term prognosis after acute myocardial infarction. Acta Med Scand 1981;209(3):185-91
Sauter JF, Wankowicz PG, Miller KW: An apparatus for performing filtration assays in hyperbaric atmospheres. Undersea Biomed Res 1980 Dec;7(4):257-63
Savin WM see **Haskell WL**
Sawka MN, Petrofsky JS, Phillips CA: Energy cost of submaximal isometric concentrations in cat fast and slow twitch muscles. Pfluegers Arch 1981 May;390(2):164-8
Saxon L: Hypnotic projection in sport. Aust Fam Physician 1981 Mar;10(3):185-7
Scano G see **Hutsebaut J**
Scarafile P see **Cuomo S**
Schachter EN, Lee M, Gerhard H, et al: A non-pharmacologic approach to the treatment of exercise-induced bronchospasm. Yale J Biol Med 1980 Nov-Dec;53(6):485-96
Scher AT: Diving injuries to the cervical spinal cord. S Afr Med J 1981 Apr 18;59(17):603-5
Schibye B see **Mitchell JH**
Schiller NB see **Perez-Gonzales JF**
Schlettwein-Gsell D, Abelin T: Sporttätigkeiten bei Betagten Resultate aus einer Repräsentativerhebung. Aktule Gerontol 1981 May;11(3):87-90 (Eng. Abstr.) **(Ger)**
Schnall RP, Landau LI: Protective effects of repeated short sprints in exercise-induced asthma. Thorax 1980 Nov;35(11):828-32
Schneider SH, Komanicky PM, Goodman MN, et al: Dichloroacetate: effects on exercise endurance in untrained rats. Metabolism 1981 Jun;30(6):590-5
Schocken DD see **Williams RS**
Schoeffel RE, Anderson SD, Seale JP: The protective effect and duration of action of metaproterenol aerosol on exercise-induced asthma. Ann Allergy 1981 May;46(5):273-5
Schols M see **Henquet JW**
Schreiner RJ see **Alexander GD**
Schroeder JS see **Haskell WL**
Schulz G see **Beyer J**
Schumacher M see **Harrington KA**
Schuman SH see **Malpass CA Jr**

PHYSICAL FITNESS/SPORTS MEDICINE

Schümichen C see **Pohle W**
Schutz RW, Smoll FL, Wood TM: Physical activity and sport: attitudes and perceptions of young Canadian athletes. Can J Appl Sport Sci 1981 Mar;6(1):32-9
Schutz Y, Bray GA, Margen S: Effect of a meal on the oxygen consumption-heart rate relationship [letter] Am J Clin Nutr 1981 May;34(5):965-6
Schwartz KM, Turner JD, Sheffield LT, et al: Limited exercise testing soon after myocardial infarction. Correlation with early coronary and left ventricular angiography. Ann Intern Med 1981 Jun;94(6):727-34
Schwarzenbach M, Röthlisberger M, Herwig K, et al: Skiunfälle bei Kindern. MMW 1981 Mar 13;123(11):429-33 (Eng. Abstr.) **(Ger)**
Schwarzkopf W, Ahlers J, Kirschner P: Abrisse und Frakturen der Tuberositas tibiae. Unfallheilkunde 1980 Jul;83(7):360-5 (Eng. Abstr.) **(Ger)**
Schwenkmezger P: Untersuchungen zur kognitiven Angsttheorie im sportmotorischen Bereich (state-trait-anxiety). Z Exp Angew Psychol 1980;27(4):607-30 (Eng. Abstr.) **(Ger)**
Sciarabba G see **Bonsignore G**
Scotto P, Data PG, Licheri D: La coagulazione del sangue nell'immersione alle grandi altezze. Boll Soc Ital Biol Sper 1981 Jan 30;57(2):235-9 (Eng. Abstr.) **(Ita)**
Sculco TP see **Inglis AE**
Seale JP see **Schoeffel RE**
Sebrechts C see **Froelicher VF**
Secher NH see **Rube N**
Seeds R: An 'exercise' in fitness. Occup Health Saf 1981 Apr;50(4):18
Seeherman HJ, Taylor CR, Maloiy GM, et al: Design of the mammalian respiratory system. II Measuring maximum aerobic capacity. Respir Physiol 1981 Apr;44(1):11-23
Seeley W: Coach Tooth and the Tartans. CAL 1981 Apr;44(10):15, 18
Sééne TP, Alev KP, Tomson KE, et al: Rol' shchitovidnoĭ zhelezy pri adaptatsii skeletnykh myshts k povyshennoĭ dvigatel'noĭ aktivnosti. Fiziol Zh SSSR 1981 Feb;67(2):299-305 (Eng. Abstr.) **(Rus)**
Seider R see **Cohen I**
Seki M see **Yoshida M**
Seklecki RM see **Linder CW**
Seliger V see **Rutenfranz J**
Selner JC see **Staudenmayer H**
Seluianov VN see **Tishler VA**
Selwyn AP, Forse G, Fox K, et al: Patterns of disturbed myocardial perfusion in patients with coronary artery disease. Regional myocardial perfusion in angina pectoris. Circulation 1981 Jul;64(1):83-90
Semenovitch SI see **Krasnikov VE**
Sen Gupta JU, Goyle BR: Beneficial effect of endurance training at moderate altitude on adaptation to high altitude. Indian J Med Res 1980 Oct;72:610-8
Senn E see **Gerber C**
Serafini U, Bonini S. Exercise-induced asthma and blood histamine [letter] Clin Allergy 1981 Jan;11(1):99-100
Sereni G, Reggiani E, Odaglia G: Fisiopatologia del nuoto pinnato. Nota II: Rilievi clinici. Minerva Med 1981 May 31;72(22):1405-8 (Eng. Abstr.) **(Ita)**
Sergysels R see **Bracamonte M**
Seyfried A see **Musur M**
Shallenburger D see **Basta LL**
Shamkulashvili GG see **Dumbadze GG**
Shapiro A see **Ron M**
Sharma KN see **Bijlani RL**
Sharma PL see **Rajkumar K**
Sharma SK see **Gupta RC**
Shaw LW: Effects of a prescribed supervised exercise program on mortality and cardiovascular morbidity in patients after myocardial infarction. The National Exercise and Heart Disease Project. Am J Cardiol 1981 Jul;48(1):39-46
Shea CH, Krampitz JB, Tolson H, et al: Stimulus velocity, duration and uncertainty as determiners [illegible]sponse structure and timing accuracy. Res Q Exerc Sport 1981 Mar;52(1):86-99
Sheffield LT see **Schwartz KM**
Shen E see **Massie BM**
Shephard RJ, Cox M, Corey P: Fitness program participation: its effect on worker performance. JOM 1981 May;23(5):359-63
Shephard RJ: Present views on the Canadian Home Fitness Test. Can Med Assoc J 1981 Apr 1;124(7):875-9
Shephard RJ: 'Post-coronary' rehabilitation, body composition, and recurrent infarction. An analysis of data from the Ontario Exercise-Heart Collaborative Study. Nutr Metab 1980;24(6):383-95
Shephard RJ, Corey P, Kavanagh T: Exercise compliance and the prevention of a recurrence of myocardial infarction. Med Sci Sports Exerc 1981;13(1):1-5
Shephard RJ, Cox MH, Simper K: An analysis of 'Par-Q' responses in an office population. Can J Public Health 1981 Jan-Feb;72(1):37-40
Shepherd JT, Blomqvist CG, Lind AR, et al: Static (isometric) exercise. Retrospection and introspection. Circ Res 1981 Jun;48(6 Pt 2):I179-88 (96 ref.)
Shepherd JT see **Rusch NJ**
Sheppard D, Saisho A, Nadel JA, et al: Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects. Am Rev Respir Dis 1981 May;123(5):486-91
Shirom A, Eden D, Kellermann JJ: Effects of population changes on psychological and physiological strain in kibbutz communities. Am J Community Psychol 1981 Feb;9(1):27-43
Shoenfeld Y, Aloni D, Keren G, et al: Effect of physical effort on the white blood cells in benign familial leukopenia. Acta Haematol (Basel) 1981;65(2):108-13
Shohoji T see **Tsukue I**
Shonfeld Y see **Keren G**
Shubin VI, Laricheva KA, Ialovaia NI, et al: Energozatraty i funkstional'noe sostoianie nervno-myshechnoĭ sistemy sportsmenov v usloviiakh regulirovaniia massy tela s pomoshch'iu gipokaloriĭnoĭ diety. Vopr Pitan 1981 Jan-Feb;(1):11-5 (Eng. Abstr.) **(Rus)**
Shugars DA: A fitness course for dental students. J Dent Educ 1981 May;45(5):300-2
Shulman ST see **Stevens AR**
Shultz J see **Bachman DS**
Sidhu LS see **Bhanot JL**
Siebers LS, McMurray RG: Effects of swimming and walking on exercise recovery and subsequent swim performance. Res Q Exerc Sport 1981 Mar;52(1):68-75
Siff SJ see **Eidman DK**
Silberbauer K, Sinzinger H, Haber P, et al: Standardized ergometer exercise in trained rowers: effect on reversible platelet microaggregates and platelet aggregation. Vasa 1981;10(1):4-8
Silberbauer K see **Burghuber O**
Silke B see **Hendry WG**
Siluianova VA see **Burkashov AB**
Sim MK, Ratnam KV: Treatment of disease without the use of drugs. V. Phasing out of benzodiazepine and amitriptyline medication with thought control. Singapore Med J 1980 Aug;21(4):655-7
Simard T, Vorro J, Rocque P: Multiterritorial muscle evaluations for maximal isometric contraction of the deltoid muscle in normal and dystrophic humans. Am J Phys Med 1981 Jun;60(3):132-43
Simms FC see **Kirby RL**
Simon G see **Keul J**
Simonsson BG see **Boe J**
Simper K see **Shephard RJ**
Sims KL see **Miller PM**
Singer RN, Gerson RF: Task classification and strategy utilization in motor skills. Res Q Exerc Sport 1981 Mar;52(1):100-16
Singh S, White FC, Bloor CM: Effect of acute exercise stress in cardiac hypertrophy: I. correlation of regional blood flow and qualitative ultrastructural changes. Yale J Biol Med 1980 Nov-Dec;53(6):459-70
Single P see **Oldridge NB**
Sinziager H see **Burghuber O**
Sinzinger H see **Silberbauer K**
Sizentseva GP see **Kassirsky GI**
Sjöberg H: Physical fitness and mental performance during and after work. Ergonomics 1980 Oct;23(10):977-85
S'Jongers JJ see **Vogelaere P**
Skórka B see **Chodakowska J**
Skórka B see **Ignatowska-Switalska H**
Skyler JS, Neelsoa FA: An algebra for adiposity? Diabetes Care 1981 Mar-Apr;4(2):328-9
Slama R see **Azancot I**
Sledzevskaia IK, Vysotskaia ZhM: Znachenie trenirovok distantsionnoĭ khod'boĭ v reabilitatsii boľnykh, perenesshikh infarkt miokarda. Ter Arkh 1980;52(12):31-4 (Eng. Abstr.) **(Rus)**
Sledzevskaia IK see **Il'iash MG**
Sledzevskaya IK, Bugaenko VV: Electrocardiotopographic study for physical exercise tolerance assessment in patients with myocardial infarction. Adv Cardiol 1981;28:183-4
Smid J see **Hula J**
Smiler BJ see **Alexander GD**
Smit PJ, Viljoen H, du Toit L: A field application of exercise testing in ischaemic heart disease. S Afr Med J 1981 Apr 11;59(16):561-2
Smith EL Jr, Reddan W, Smith PE: Physical activity and calcium modalities for bone mineral increase in aged women. Med Sci Sports Exerc 1981;13(1):60-4
Smith GA see **Llaurado JG**
Smith KH see **Harrington KA**
Smith PE see **Smith EL Jr**
Smith U see **Holm G**
Smolan S see **Stejskal P**
Smolenski C, Muff S, Smolenski-Kautz S: A double-blind comparative trial of new muscle relaxant, tizanidine (DS 103-282), and baclofen in the treatment of chronic spasticity in multiple sclerosis. Curr Med Res Opin 1981;7(6):374-83
Smolenski-Kautz S see **Smolenski C**

Smoll FL see **Schutz RW**

Snyder RB see **Lipscomb AB**

Sobczyk R see **Malpass CA Jr**

Sodhi HS: A study of morphology and body composition of Indian basketball players. J Sports Med Phys Fitness 1980 Dec; 20(4):413–22

Sodhi HS see **Muthiah CM**

Sohar E see **Keren G**

Solheim T: Unusual dental forensic cases in Norway. Am J Forensic Med Pathol 1980 Sep;1(3):197–203

Sonka J see **Wilhelm J**

Sonne B see **Richter EA**

Souhrada JF: A reassessment of the effects of oropharyngeal anesthesia in exercise-induced asthma [letter] Am Rev Respir Dis 1981 Feb;123(2):240–1

Souhrada JF see **Kivity S**

Sowers JR, Brickman AS, Asp N, et al: Altered dopaminergic modulation of prolactin and aldosterone secretion in pseudohypoparathyroidism. J Clin Endocrinol Metab 1981 May; 52(5):914–8

Soyeur D, Limet R, Demoulin JC, et al: Les atteintes du tronc commun de la coronaire gauche. Acta Cardiol (Brux) 1981; 36(1):7–20 (Eng. Abstr.) **(Fre)**

Spadaccini F see **Marra S**

Sparrow MP see **Rüegg JC**

Sperati G, Castiglia GC, Mazzetta F: Ipoacusie improvvise ed ipoacusie fluttuanti nei sommozzatori casi clinici ed ipotesi patogenetiche. Minerva Med 1981 May 31;72(22):1395–7 (Eng. Abstr.) **(Ita)**

Sperling M see **Artal R**

Spigno F see **Viotti G**

Sprigings EJ, Pelton JD, Brandell BR: An EMG analysis of the effectiveness of external ankle support during sudden ankle inversion. Can J Appl Sport Sci 1981 Jun;6(2):72–5

Stacy RW see **Petrovick ML**

Stager JM see **Martin BJ**

Stainsby WN, Peterson CV Jr, Barbee RW: O2 uptake and work by in situ muscle performing contractions with constant shortening. Med Sci Sports Exerc 1981;13(1):27–30

Stancer HC see **Tang SW**

Stang JM, Lewis RP: Early exercise tests after myocardial infarction [editorial] Ann Intern Med 1981 Jun;94(6):814–5

Starling MR, Crawford MH, Kennedy GT, et al: Treadmill exercise tests predischarge and six weeks post-myocardial infarction to detect abnormalities of known prognostic value. Ann Intern Med 1981 Jun;94(6):721–7

Starnes JW see **Farrar RP**

Staton RD see **Brumback RA**

Staudenmayer H, Harris PS, Selner JC: Evaluation of a self-help education-exercise program for asthmatic children and their parents: six-month follow-up. J Asthma Res 1981 Jan;18(1):1–5

Steinberg ME, Trueta J: Effects of activity on bone growth and development in the rat. Clin Orthop 1981 May;(156):52–60

Steinbrück K: Wirbelsäulenverletzungen beim Reiten. Teil 1. Unfallheilkunde 1980 Jul;83(7):366–72 (Eng. Abstr.) **(Ger)**

Steinbrück K: Wirbelsäulenverletzungen beim Reiten. Teil 2. Unfallheilkunde 1980 Jul;83(7):373–6 (Eng. Abstr.) **(Ger)**

Steingart RM see **Wexler JP**

Stejskal P, Smolan S, Viktorinová M, et al: Iontoforetické kožni testy u atopického astmatu v klidu a po ukončení maximálni práce. Cesk Dermatol 1981 Apr;56(2):69–77 (Eng. Abstr.) **(Cze)**

Stejskal P: Vliv krátkodobé submaximálni práce na množství noradrenalinu v plazmě. Cas Lek Cesk 1981 Feb 26;120(8):218–23 (Eng. Abstr.) **(Cze)**

Stelmasiak Z see **Kawiak W**

Stephens NL see **Hanks BS**

Stephens RL, Hoag LL: Heat acclimatization, its decay and reinduction in young Caucasian females. Am Ind Hyg Assoc J 1981 Jan;42(1):12–7

Stevens AR, Shulman ST, Lansen TA, et al: Primary amoebic meningoencephalitis: a report of two cases and antibiotic and immunologic studies. J Infect Dis 1981 Feb;143(2):193–9

Stewart AL, Ware JE Jr, Brook RH: Advances in the measurement of functional status: construction of aggregate indexes. Med Care 1981 May;19(5):473–88

Stippig J see **Berg A**

Stix EM see **Huber EG**

Stones MJ, Kozma A: Adult age trends in record running performances. Exp Aging Res 1980 Oct;6(5):407–16

Storch E see **Caldeyro-Barcia R**

Storer TW see **Ruhling RO**

Storstein L: The effect of pindolol and isosorbide dinitrate and their combination on exercise tolerance and ECG changes in angina pectoris. Acta Med Scand 1981;209(5):357–62

Storstein L: Delay of onset of second degree pacemaker block by beta-blockade in patients with P-synchronous pacemakers. Acta Med Scand 1981;209(5):363–7

Strasser AL: The exercise fad: a risk/benefit analysis. Occup Health Saf 1981 Apr;50(4):6–12

Strasser R, Klepzig H: Tageszeitliche Schwankungen der ischämischen ST-Streckensenkung im Belastungselektrokardiogramm. Dtsch Med Wochenschr 1981 Apr 3;106(14):424–7 (Eng. Abstr.) **(Ger)**

Stratman FW see **Carter AL**

Stratton R, Dormer KJ, Zeiner AR: The cardiovascular effects of ethanol and acetaldehyde in exercising dogs. Alcoholism (NY) 1981 Jan;5(1):56–63

Streitwiesser D see **Froelicher VF**

Strong WB see **Voller RD Jr**

Studney TA see **Palmer WK**

Sturbois X see **de Bruyn-Prevost P**

Sugiura T, Doi YL, Haffty BG, et al: Noninvasive assessment of left ventricular performance in patients with ischemic heart disease: ear densitographic study during uninterrupted treadmill exercise. Am J Cardiol 1981 Jul;48(1):101–5

Surag ME see **Brumback RA**

Susset JG, Regnier CH: Viscoelastic properties of bladder strips: standardization of a technique. Invest Urol 1981 May; 18(8):445–50

Sutton JR, Gray GW, Houston CS, et al: Effects of duration at altitude and acetazolamide on ventilation and oxygenation during sleep. Sleep 1980;3(3–4):455–64

Sutton JR, Powles AC, Jones NL: Acetazolamide in the mountains [letter] Lancet 1981 Mar 7;1(8219):552–3

Swartz SL see **Kaplan MM**

Symington VJ see **Kirby RL**

Szczeklik A, Szczeklik J, Nizankowski R: Prostacyclin, nitroglycerin, and effort angina [letter] Lancet 1981 May 2; 1(8227):1006

Szczeklik J see **Szczeklik A**

Szmidt M, Magyar P, Islam MS, et al: Untersuchungen zur körperlichen Belastbarkeit von Patienten mit chronisch obstruktiver Atemwegserkrankung. Prax Klin Pneumol 1981 May;35(5):225–9 (Eng. Abstr.) **(Ger)**

T

Takahashi N see **Fu LT**

Takahashi S see **Tang SW**

Takala T: Protein synthesis in the isolated perfused rat heart. Effects of mechanical work load, diastolic ventricular pressure and coronary pressure on amino acid incorporation and its transmural distribution into left ventricular protein. Basic Res Cardiol 1981 Jan–Feb;76(1):44–61

Takeda P see **Low RI**

Takizawa A see **Yasue H**

Tallman JF Jr see **Goldstein RE**

Tan D: Clinical aspects of treadmill exercise testing. Ann Acad Med Singapore 1980 Oct;9(4):456–62

Tan MH: HDL-cholesterol: the negative risk factor for coronary heart disease. Ann Acad Med Singapore 1980 Oct;9(4):491–5 (63 ref.)

Tang SW, Stancer HC, Takahashi S, et al: Controlled exercise elevates plasma but not urinary MHPG and VMA. Psychiatry Res 1981 Feb;4(1):13–20

Tanser AR, Elmes J: A controlled trial of ketotifen in exercise-induced asthma. Br J Dis Chest 1980 Oct;74(4):398–402

Tardieu C, Colbeau-Justin P, Bret MD, et al: Effects on torque angle curve of differences between the recorded tibia-calcaneal angle and the true anatomical angle. Eur J Applied Physiol 1981; 46(1):41–6

Tarolo GL, Picozzi R, Roda L, et al: Utilita' clinica della scintigrafia miocardica con tallio 201 con test farmaco-dinamico al dipiridamolo nelle cardiopatie ischemiche. G Ital Cardiol 1981; 11(1):94–103 (Eng. Abstr.) **(Ita)**

Tashkin DP see **Mohsenifar Z**

Tator CH, Edmonds VE, New ML: Diving: a frequent and potentially preventable cause of spinal cord injury. Can Med Assoc J 1981 May 15;124(10):1323–4

Tauchmann M see **Tauchmannová H**

Tauchmannová H, Tauchmann M: Termografické hodnotenie účinkov fyzikálnej terapie u chorých na reumatoidnú artritídu. Bratisl Lek Listy 1981;75(5):560–6 (Eng. Abstr.) **(Slo)**

Taunton JE see **Clement DB**

Taunton JE see **McNicol K**

Tavazzi L, Giordano A, Giannuzzi P, et al: Non riproducibilita' di alcuni parametri emodinamici durante prova da sforzo cicloergometrico e isometrico in pazienti con infarto miocardico recente. G Ital Cardiol 1981;11(1):37–50 (Eng. Abstr.) **(Ita)**

Taylor CB, DeBusk RF, Davidson DM, et al: Optimal methods for identifying depression following hospitalization for myocardial infarction. J Chronic Dis 1981;34(4):127–33

Taylor CR, Maloiy GM, Weibel ER, et al: Design of the mammalian respiratory system. III Scaling maximum aerobic capacity to body mass: wild and domestic mammals. Respir Physiol 1981 Apr;44(1):25–37

Taylor CR see **Seeherman HJ**

Taylor GJ see **Gibson RS**

PHYSICAL FITNESS/SPORTS MEDICINE

Taylor SH see **Hendry WG**
Taylor WF see **Blomqvist CG**
Templer MJ see **Travis SP**
Ter Keurs HE see **Everts ME**
Tesch P see **Jacobs I**
Thadani U see **Olowoyeye JO**
Thomas RD see **Watt SJ**
Thompson DE see **Brand PW**
Thompson PD: Coronary heart disease and sudden death while running [letter] Am J Cardiol 1981 Jun;47(6):1381-2
Thompson PD see **Cullinane E**
Thompson PD see **Lazarus B**
Thomson JA see **Green HJ**
Thomson JM: Prediction of anaerobic capacity: a performance test employing an optimal exercise stress. Can J Appl Sport Sci 1981 Mar;6(1):16-20
Thomson JM, Garvie KJ: A laboratory method for determination of anaerobic energy expenditure during sprinting. Can J Appl Sport Sci 1981 Mar;6(1):21-6
Thrall JH see **Rizi HR**
Tibbits GF, Barnard RJ, Baldwin KM, et al: Influence of exercise on excitation-contraction coupling in rat myocardium. Am J Physiol 1981 Apr;240(4):H472-80
Tibbling L: Angina-like chest pain in patients with oesophageal dysfunction. Acta Med Scand [Suppl] 1981;644:56-9
Tibone JE, Prietto C, Jobe FW, et al: Staple capsulorrhaphy for recurrent posterior shoulder dislocation. Am J Sports Med 1981 May-Jun;9(3):135-9
Tikhomirova LM see **Usol'tsev AN**
Timson BF see **Gollnick PD**
Tinkelman D: Theophylline: the concept of sustained action. J Asthma 1981 Jan;18(1):35-7
Tishler VA, Zatsiorskiĭ VM, Seluianov VN: Issledovanie mass-inertsionnykh kharakteristik segmentov tela cheloveka metodom gamma-skennirovaniia v usloviiakh 6-mesiachnoĭ gipokinezii. Kosm Biol Aviakosm Med 1981 Jan-Feb;15(1):36-42 (Eng. Abstr.) **(Rus)**
Tiso B see **Fitscha P**
Tkachenko SS, Rutskiĭ VV, Avdon'ev AN, et al: Elektromiostimuliatsiia pri trenirovke i reabilitatsii travmatologo-ortopedicheskikh bol'nykh. Ortop Travmatol Protez 1980 Dec;(12):17-20 (Eng. Abstr.) **(Rus)**
Togo M see **Anzai I**
Tolson H see **Shea CH**
Tomášek R see **Lisý Z**
Tomasini M, Villa A, Aresini G, et al: Studio emodinamico della circolazione polmonare in asbestosici con diverso grado di evidenza radiologica della pneumoconiosi. Med Lav 1980 Nov-Dec;71(6):513-21 (Eng. Abstr.) **(Ita)**
(Tomb R), Seeley W: Coach Tooth and the Tartans. CAL 1981 Apr;44(10):15, 18
Tomson KE see **Sééne TP**
Topolčan O see **Hula J**
Torg JS, Pavlov H, Morris VB: Salter-Harris type-III fracture of the medial femoral condyle occurring in the adolescent athlete. J Bone Joint Surg [Am] 1981 Apr;63(4):586-91
Torg JS see **Pavlov H**
Tornling G see **Adolfsson J**
Tradowsky M, Kubicek WF 3d: Method for determining the physiologic equilibrium point of the mandible. J Prosthet Dent 1981 May;45(5):558-63
Trantham GJ: Management of obesity in retired and dependent personnel. US Navy Med 1980 Dec;71(12):18-22
Travis SP, Templer MJ: 'Carboloading' and dehydration [letter] Lancet 1981 Jun 20;1(8234):1370-1
Travis SP: Dehydration in marathon runners [letter] Lancet 1981 Jul 18;2(8238):155
Trieb G see **Mertens HM**
Tritthart HA, Windisch H, Heuberger S: The effects of the bradycardia-producing compound alinidine on action potentials and tension development in cardiac fibres. Naunyn Schmiedebergs Arch Pharmacol 1981 Apr;316(2):172-7
Trofimova IA see **Zinkovskiĭ AV**
Troshikhin GV see **Breslav IS**
Trueta J see **Steinberg ME**
Trujillo F see **Rodriguez M**
Trzebski A see **Janczewska H**
Tsukue I, Shohoji T: Movement therapy for alcoholic patients. J Stud Alcohol 1981 Jan;42(1):144-9
Tullos HS see **Eidman DK**
Turina M see **Krayenbuehl HP**
Turner JD see **Schwartz KM**
Tweedle CD see **Henderson NS**
Tworzewski M, Kizlich D: Rehabilitacja niemowlęcia i małego dziecka prowadzona metodą neurofizjologiczną. Pediatr Pol 1981;56(1):41-8 (Eng. Abstr.) **(Pol)**
Tycowa M see **Hasik J**

U

Usol'tsev AN, Zutler AS, Tikhomirova LM: Uroven' ékskretsii katekholaminov s mochoĭ pod vliianiem dozirovannykh fizicheskikh nagruzok u podrostkov s gipertonicheskoĭ bolezn'iu. Gig Sanit 1981 Feb;(2):32-5 (Eng. Abstr.) **(Rus)**

V

Vaahtoranta K see **Alihanka J**
Vaccaro P see **Gray PR**
Vacek Z see **Hudler J**
Vaĭsman AI, Breĭdo MD, Vol'per GI, et al: Psikhofiziologicheskiĭ professional'nyĭ otbor voditeleĭ avtomobileĭ. Gig Tr Prof Zabol 1981 Apr;(4):13-6 (Eng. Abstr.) **(Rus)**
Valentine KM see **Mozersky SM**
Vallet B, Molla A, Demaille JG: Cyclic adenosine 3',5'-monophosphate-dependent regulation of purified bovine aortic calcium/calmodulin-dependent myosin light chain kinase. Biochim Biophys Acta 1981 May 5;674(2):256-64
Valmassy RL see **Blake RL**
van Breemen C see **Meisheri KD**
van der Kooij AM see **Luijendijk SC**
van der Mark TW see **Kiers A**
Vanek J see **Kavan Z**
van Hardeveld C see **Everts ME**
Vanhoutte PM see **De Mey J**
van Rooy MJ see **Gerlag PG**
van Vroonhoven TJ see **Verhagen PF**
Vatner SF see **Murray PA**
Vatsadze TG see **Minovich AI**
Vávra P see **Canibal J**
Verani MS see **Fuller CM**
Verhagen PF, van Vroonhoven TJ: De reactieve-hyperemieproef; eenvoudig uitvoerbare methode om de perifere, arteriële, bloedstroom onder belasting te onderzoeken. Ned Tijdschr Geneeskd 1981 Mar 21;125(12):466-9 (Eng. Abstr.) **(Dut)**
Vidruk EH, Dempsey JA: Peripheral and central nervous system mechanisms controlling exercise-induced breathing patterns. Exerc Sport Sci Rev 1980;8:129-47 (67 ref.)
Vierikko P see **Koivisto VA**
Vihko V see **Salminen A**
Viidik A see **Oxlund H**
Viitasalo JT, Komi PV: Effects of fatigue on isometric force- and relaxation-time characteristics in human muscle. Acta Physiol Scand 1981 Jan;111(1):87-95
Viitasalo JT, Komi PV: Interrelationships between electromyographic, mechanical, muscle structure and reflex time measurements in man. Acta Physiol Scand 1981 Jan; 111(1):97-103
Viktorinová M see **Stejskal P**
Viljoen H see **Smit PJ**
Villa A see **Tomasini M**
Vinger PF: Sports eye injuries a preventable disease. Ophthalmology (Rochester) 1981 Feb;88(2):108-13
Viotti G, Spigno F, De Lucchi M: Ossigeno iperbarico e polmone. La diffusione polmonare in sommozzatori con intensa e pregressa esposizione cronica. Minerva Med 1981 May 31;72(22):1391-4 (Eng. Abstr.) **(Ita)**
Vittinghus E, Mogensen CE: Albumin excretion during physical exercise in diabetes. Studies on the effect of insulin treatment and of the renal haemodynamic response. Acta Endocrinol [Suppl] (Copenh) 1981;97(242):61-2
Vivancos J see **Rodríguez M**
Voegeli FA, Pincock DG: Determination of fish swimming speed by ultrasonic telemetry. Biotelem Patient Monit 1980; 7(3-4):215-20
Vogelaere P, S'Jongers JJ, Quirion A, et al: Steady state ergométrique: réalité ou fiction. Can J Appl Sport Sci 1981 Jun; 6(2):61-7 (Eng. Abstr.) **(Fre)**
Vogelaere P, S'Jongers JJ, Quirion A: Intercorrélations et variabilité des fréquences cardiaques de repos et d'effort en regard de l'évaluation de l'aptitude physique. Can J Appl Sport Sci 1981 Jun;6(2):57-60 (Eng. Abstr.) **(Fre)**
Voller RD Jr, Strong WB: Pediatric aspects of atherosclerosis. Am Heart J 1981 Jun;101(6):815-36 (261 ref.)
Vol'per GI see **Vaĭsman AI**
von Lierde C see **Lósse B**
von Wallenberg EL see **Bertram B**
Vorro J see **Simard T**
Vranic M see **Minuk HL**
Vysotskaia ZhM see **Sledzevskaia IK**

W

Walker F see **O'Neill S**
Wallace MM see **Bodnar RJ**

PHYSICAL FITNESS/SPORTS MEDICINE

Wallach SR see **Mathis PC**

Walsh S see **Peacock B**

Walther C see **Reinecke M**

Wankowicz PG see **Sauter JF**

Wardlaw SL see **Colt EW**

Ware JE Jr see **Stewart AL**

Warwick PM, Garrow JS: The effect of addition of exercise to a regime of dietary restriction on weight loss, nitrogen balance, resting metabolic rate and spontaneous physical activity in three obese women in a metabolic ward. Int J Obes 1981;5(1):25-32

Wasilewski S see **Leach RE**

Wassel AC: Exercise-induced injuries. Top Clin Nurs 1981 Jul; 3(2):53-64

Wasserman K see **Brown HV**

Watanabe K see **Bhargava V**

Watkins J see **Ditchey RV**

Watson DD see **Gibson RS**

Watt SJ, Thomas RD, Belfield PW, et al: Influence of sympatholytic drugs on the cardiovascular response to isometric exercise. Clin Sci 1981 Feb;60(2):139-43

Webb RC see **Rusch NJ**

Weber RC see **Sances A Jr**

Weber RE see **Qvist J**

Weber T see **Beyer J**

Weeks JC: Neuronal basis of leech swimming: separation of swim initiation, pattern generation, and intersegmental coordination by selective lesions. J Neurophysiol 1981 Apr;45(4):698-723

Weibel ER see **Taylor CR**

Weiler-Ravell D, Godfrey S: Do exercise- and antigen-induced asthma utilize the same pathways? Antigen provocation in patients rendered refractory to exercise-induced asthma. J Allergy Clin Immunol 1981 May;67(5):391-7

Weinstein M see **Elkayam U**

Weisenberger BL see **McHenry PL**

Weiser PC see **Chen WY**

Weiss JL see **Blumenthal DS**

Weiss V: Der Heritabilitätsindex in der Begabungs- und Eignungsdiagnose bei Kindern und Jugendlichen. Gegenbaurs Morphol Jahrb 1980;126(6):865-72 (Eng. Abstr.) **(Ger)**

Wells J see **Fisk R**

Wessel J see **Mayer G**

Westers T see **Peacock B**

Wexler JP, Steingart RM, Blaufox MD: Physiologic Intervention in Cardiovascular Nuclear Medicine. Semin Nucl Med 1981 Apr; 11(2):68-79

Wheeler HB see **Cutler BS**

Whimster I see **Burnand KG**

(Whitacre V), Cummins GC: Now, here's ... a real cliff hanger. Ohio State Med J 1981 Apr;77(4):239-40

White FC see **Singh S**

Wickemeyer WJ see **Reduto LA**

Widuchowski J, Gluch H: Częściowe czy całkowite wycięcie łąkotki? Chir Narzadow Ruchu Ortop Pol 1980;45(6):529-33 (Eng. Abstr.) **(Pol)**

Wiener I see **Pichard AD**

Wiersma JA see **Sales C**

Wiles CM see **Edwards RH**

Wilhelm J, Sonka J: Effect of sublethal gamma irradiation and exercise on succinate oxidase and metabolites of lipid peroxides. I. Rat liver. Agressologie 1980;21(2):81-6

Wilhelm J, Sonka J: Effects of sublethal gamma irradiation and exercise on succinate oxidase and metabolites of lipid peroxides. II. Rat skeletal muscle. Agressologie 1980;21(2):87-91

Williams C see **Petrofsky JS**

Williams CA, Mudd JG, Lind AR: The forearm blood flow during intermittent hand-grip isometric exercise. Circ Res 1981 Jun;48(6 Pt 2):I110-7

Williams CA see **Lind AR**

Williams JF Jr, Potter RD: Passive stiffness of pressure-induced hypertrophied cat myocardium. Circ Res 1981 Jul;49(1):211-5

Williams JF Jr, Mathew B: Effect of quinidine on positive inotropic action of digoxin. Am J Cardiol 1981 May;47(5):1052-5

Williams RS, Schocken DD, Morey M, et al: Medical aspects of competitive distance running: guidelines for community physicians. Postgrad Med 1981 Jul;70(1):41-4, 47-8, 51

Wilson BA see **Jasinskas CL**

Wilson CA see **Naik RB**

Wilson NV, Meyer BM: Early prediction of hypertension using exercise blood pressure. Prev Med 1981 Jan;10(1):62-8

Winder WW, Garhart SJ, Premachandra BN: Peripheral markers of thyroid status unaffected by endurance training in rats. Pfluegers Arch 1981 Mar;389(3):195-8

Winder WW, Holman RT, Garhart SJ: Effect of endurance training on liver cAMP response to prolonged submaximal exercise. Am J Physiol 1981 May;240(5):R330-4

Windisch H see **Tritthart HA**

Winter DA see **Pierrynowsi MR**

Wirth A see **Feurle GE**

Wishart D: Sports medicine: specialized care for the athlete in everyone. Can Med Assoc J 1981 Apr 1;124(7):919-21

Witman PA see **Gleim GW**

Wocial B see **Chodakowska J**

Wocial B see **Ignatowska-Switalska H**

Wocial B see **Zukowska-Grójec Z**

Wohl H see **Mathis PC**

Woldring MG see **Kiers A**

Wolf SL see **Binder SA**

Wollschläger H see **Drexler H**

Wolpert F see **Frankenberger A**

Wolthuis R see **Froelicher VF**

Woo SL, Kuei SC, Amiel D, et al: The effect of prolonged physical training on the properties of long bone: a study of Wolff's Law. J Bone Joint Surg [Am] 1981 Jun;63-A(5):780-7

Wood TM see **Schutz RW**

Wright JE: Anabolic steroids and athletics. Exerc Sport Sci Rev 1980;8:149-202 (131 ref.)

Wright P see **Parfrey PS**

Y

Yack HJ see **Devine KL**

Yaksh TL, Reddy SV: Studies in the primate on the analgetic effects associated with intrathecal actions of opiates, alpha-adrenergic agonists and baclofen. Anesthesiology 1981 Jun;54(6):451-67

Yamamoto H see **Kawakami Y**

Yamamoto M see **Fu LT**

Yashpal M, Abdulkader TA, Chatterji JC: Acute tubular necrosis in march haemoglobinuria. J Assoc Physicians India 1980 May-Jun;28(5-6):145-7

Yasue H, Omote S, Takizawa A, et al: Acute myocardial infarction induced by ergotamine tartrate: possible role of coronary arterial spasm. Angiology 1981 Jun;32(6):414-8

Yerg BJ: Reflections on the use of the RTE model in physical education. Res Q Exerc Sport 1981 Mar;52(1):38-47

Yoshida M, Seki M: [Ventilatory responses to exercise in the athlete and healthy subjects (author's transl)] Nippon Kyobu Shikkan Gakkai Zasshi 1980 Oct;18(10):675-85 (Eng. Abstr.) **(Jpn)**

Young JB see **Reduto LA**

Yurasov VS, Petlina LP, Zhizhkina TM, et al: Results of computing and displaying changes of the S-T segment during treadmill tests after myocardial infarction. Adv Cardiol 1981;28:185-7

Z

Zacharias CK, Marsh HO: Jogging! a non-traumatic exercise? J Kans Med Soc 1980 Dec;81(12):563-5

Zachrisson L see **Nordemar R**

Zahorska-Markiewicz B: Energy expenditure in obese women on a reducing diet. Acta Physiol Pol 1981 Jan-Feb;32(1):99-102

Zajac FE, Zomlefer MR, Levine WS: Hindlimb muscular activity, kinetics and kinematics of cats jumping to their maximum achievable heights. J Exp Biol 1981 Apr;91:73-86

Zamotaev IP, Dechko EP, Alekseenko AV: Kriterii otsenki reaktsii arterial'nogo davleniia na veloérgo-metricheskuiu nagruzku v protsesse lecheniia gipertonicheskoĭ bolezni. Kardiologiia 1981 Mar;21(3):41-4 (Eng. Abstr.) **(Rus)**

Zapol WM see **Qvist J**

Zarins B see **Rowe CR**

Zatsiorskiĭ VM see **Tishler VA**

Zavaroni I, Chen YI, Mondon CE, et al: Ability of exercise to inhibit carbohydrate-induced hypertriglyceridemia in rats. Metabolism 1981 May;30(5):476-80

Zeiner AR see **Stratton R**

Zeman V see **Novák J**

Zemánková J see **Dvořák I**

Zhizhkina TM see **Yurasov VS**

Zick R see **Maass U**

Zieliński J, Chodosowska E, Radomyski A, et al: Plasma catecholamines during exercise-induced bronchoconstriction in bronchial asthma. Thorax 1980 Nov;35(11):823-7

Ziesenhenn K see **Behn P**

Zimmerman FA: Type II diabetes mellitus in the senior client. Nurse Pract 1981 May-Jun;6(3):31-4

Zinkovskiĭ AV, Trofimova IA, Chistiakov VA: Optimizatsiia dvizheniĭ cheloveka pri pomoshchi EVM. Biofizika 1981 Jan-Feb;26(1):113-6 (Eng. Abstr.) **(Rus)**

Zin'kovskiĭ MF, Chepkaia IL: Functsional'noe sostoianie serdechno-sosudistoĭ sistemy u bl'nykh, operirovannykh po povodu vtorichnogo defekta mezhpredserdnoĭ peregorodki. Kardiologiia 1981 Feb;21(2):102-4 (Eng. Abstr.) **(Rus)**

Ziter FA see **Allsop KG**

Zomlefer MR see **Zajac FE**

Zukowska-Grójec Z, Wocial B, Chodakowska J, et al: Metabolism of 3H-catecholamines in the brain of spontaneously hypersensitive rats (SHR) after running stress. Acta Physiol Pol 1980;31(6):613-22

Zutler AS see **Usol'tsev AN**

PHYSICAL FITNESS/SPORTS MEDICINE

Zwart A see **Luijendijk SC**

ANONYMOUS

Am J Cardiol
Exercise-induced S-T elevation, coronary artery disease and variant angina [letter] Am J Cardiol 1981 May;47(5):1181-2

Br Med J [Clin Res]
Secondary prevention in survivors of myocardial infarction. Joint Recommendations by the International Society and Federation of Cardiology, Scientific Councils on Arteriosclerosis, Epidemiology and Prevention, and Rehabilitation.
Br Med J [Clin Res] 1981 Mar 14;282(6267):894-6

Circ Res
Static (isometric) exercise. Cardiovascular responses and neural control mechanisms. Proceedings of the 2nd Harry S. Moss International Symposium, Dallas, Texas, October 8-10, 1979.
Circ Res 1981 Jun;48(6 Pt 2):I1-188

Hospitals
Community running track. Hospitals 1981 Jul 1;55(13):35-6

Lancet
Clinical implications of the diving response [editorial] Lancet 1981 Jun 27;1(8235):1403-4

Med Sci Sports Exerc
1981 American College of Sports Medicine annual meeting. May 27-29, 1981, Miami Beach, Florida. Abstracts.
Med Sci Sports Exerc 1981;13(2):69-140

MMWR
Aseptic meningitis in a high school football team - Ohio.
MMWR 1981 Jan 9;29(52):631-7

Pediatrics
American Academy of Pediatrics. Committee on Pediatric Aspects of Physical Fitness, Recreation, and Sports. Competitive athletics for children of elementary school age. Pediatrics 1981 Jun; 67(6):927-8

Undersea Biomed Res
In-water resuscitation [letter] Undersea Biomed Res 1981 Mar; 8(1):63-6

LIST OF SERIALS INDEXED

A

Acta Cardiol (Brux)
ACTA CARDIOLOGICA (BRUXELLES)

Acta Chir Orthop Traumatol Cech
ACTA CHIRURGIAE ORTHOPAEDICAE ET
TRAUMATOLOGIAE CECHOSLOVACA (PRAHA)

Acta Chir Scand [Suppl]
ACTA CHIRURGICA SCANDINAVICA. SUPPLEMENTUM
(STOCKHOLM)

Acta Endocrinol (Copenh)
ACTA ENDOCRINOLOGICA (COPENHAGEN)

Acta Endocrinol [Suppl] (Copenh)
ACTA ENDOCRINOLOGICA. SUPPLEMENTUM
(COPENHAGEN)

Acta Haematol (Basel)
ACTA HAMATOLOGICA (BASEL)

Acta Med Scand
ACTA MEDICA SCANDINAVICA (STOCKHOLM)

Acta Med Scand [Suppl]
ACTA MEDICA SCANDINAVICA. SUPPLEMENTUM
(STOCKHOLM)

Acta Neurochir (Wien)
ACTA NEUROCHIRURGICA (WIEN)

Acta Orthop Scand
ACTA ORTHOPAEDICA SCANDINAVICA
(COPENHAGEN)

Acta Paediatr Scand [Suppl]
ACTA PAEDIATRICA SCANDINAVICA. SUPPLEMENT
(STOCKHOLM)

Acta Physiol Pol
ACTA PHYSIOLOGICA POLONICA (WARSZAWA)

Acta Physiol Scand
ACTA PHYSIOLOGICA SCANDINAVICA (STOCKHOLM)

Adv Cardiol
ADVANCES IN CARDIOLOGY (BASEL)

Agents Actions
AGENTS AND ACTIONS (BASEL)

Agressologie
AGRESSOLOGIE (PARIS)

AJR
AJR. AMERICAN JOURNAL OF ROENTGENOLOGY
(BALTIMORE)

Aktuel Traumatol
AKTUELLE TRAUMATOLOGIE (STUTTGART)

Aktule Gerontol
AKTUELLE GERONTOLOGIE (STUTTGART)

Alaska Med
ALASKA MEDICINE (ANCHORAGE)

Alcoholism (NY)
ALCOHOLISM (NEW YORK)

Allergy
ALLERGY (COPENHAGEN)

Am Correct Ther J
AMERICAN CORRECTIVE THERAPY JOURNAL
(REHOBOTH BEACH DE)

Am Heart J
AMERICAN HEART JOURNAL (ST LOUIS)

Am Ind Hyg Assoc J
s) AMERICAN INDUSTRIAL HYGIENE ASSOCIATION
JOURNAL (DETROIT)

Am J Cardiol
AMERICAN JOURNAL OF CARDIOLOGY (NEW YORK)

Am J Clin Nutr
AMERICAN JOURNAL OF CLINICAL NUTRITION
(BETHESDA MD)

Am J Community Psychol
s) AMERICAN JOURNAL OF COMMUNITY PSYCHOLOGY
(NEW YORK)

Am J Epidemiol
AMERICAN JOURNAL OF EPIDEMIOLOGY
(BALTIMORE)

Am J Forensic Med Pathol
AMERICAN JOURNAL OF FORENSIC MEDICINE AND
PATHOLOGY (NEW YORK)

Am J Med
AMERICAN JOURNAL OF MEDICINE (NEW YORK)

Am J Nurs
AMERICAN JOURNAL OF NURSING (NEW YORK)

Am J Obstet Gynecol
AMERICAN JOURNAL OF OBSTETRICS AND
GYNECOLOGY (ST LOUIS)

Am J Occup Ther
AMERICAN JOURNAL OF OCCUPATIONAL THERAPY
(ROCKVILLE MD)

Am J Optom Physiol Opt
AMERICAN JOURNAL OF OPTOMETRY AND
PHYSIOLOGICAL OPTICS (BALTIMORE)

LIST OF SERIALS INDEXED

Am J Otolaryngol
AMERICAN JOURNAL OF OTOLARYNGOLOGY (CHERRY HILL NJ)

Am J Pathol
AMERICAN JOURNAL OF PATHOLOGY (PHILADELPHIA)

Am J Phys Med
AMERICAN JOURNAL OF PHYSICAL MEDICINE (BALTIMORE)

Am J Physiol
AMERICAN JOURNAL OF PHYSIOLOGY (BETHESDA MD)

Am J Sports Med
AMERICAN JOURNAL OF SPORTS MEDICINE (BALTIMORE)

Am J Surg
AMERICAN JOURNAL OF SURGERY (NEW YORK)

Am Rev Respir Dis
AMERICAN REVIEW OF RESPIRATORY DISEASE (NEW YORK)

Am Sci
s) AMERICAN SCIENTIST (NEW HAVEN CT)

Anesthesiology
ANESTHESIOLOGY (PHILADELPHIA)

Angiology
ANGIOLOGY (GREAT NECK NY)

Ann Acad Med Singapore
ANNALS OF THE ACADEMY OF MEDICINE, SINGAPORE (SINGAPORE)

Ann Allergy
ANNALS OF ALLERGY (ST PAUL MN)

Ann Clin Res
ANNALS OF CLINICAL RESEARCH (HELSINKI)

Ann Emerg Med
ANNALS OF EMERGENCY MEDICINE (LANSING MI)

Ann Hum Biol
ANNALS OF HUMAN BIOLOGY (LONDON)

Ann Intern Med
ANNALS OF INTERNAL MEDICINE (PHILADELPHIA)

Arch Dermatol Res
ARCHIVES OF DERMATOLOGICAL RESEARCH (BERLIN)

Arch Mal Coeur
ARCHIVES DES MALADIES DU COEUR ET DES VAISSEAUX (PARIS)

Arch Neurol
ARCHIVES OF NEUROLOGY (CHICAGO)

Arch Otolaryngol
ARCHIVES OF OTOLARYNGOLOGY (CHICAGO)

Arch Phys Med Rehabil
ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION (CHICAGO)

Arkh Patol
ARKHIV PATOLOGII (MOSKVA)

Arq Bras Cardiol
ARQUIVOS BRASILEIROS DE CARDIOLOGIA (SAO PAULO)

Arzneimittelforsch
ARZNEIMITTEL-FORSCHUNG (AULENDORF)

Atherosclerosis
ATHEROSCLEROSIS (AMSTERDAM)

Aust Fam Physician
AUSTRALIAN FAMILY PHYSICIAN (SYDNEY)

Aust Nurses J
AUSTRALIAN NURSES JOURNAL (FILM) (MELBOURNE)

Australas Nurses J
AUSTRALASIAN NURSES JOURNAL (PORT ADELAIDE)

B

Basic Res Cardiol
BASIC RESEARCH IN CARDIOLOGY (DARMSTADT)

Behav Brain Res
BEHAVIOURAL BRAIN RESEARCH (AMSTERDAM)

Beitr Orthop Traumatol
BEITRAGE ZUR ORTHOPADIE UND TRAUMATOLOGIE (BERLIN)

Biochemistry
BIOCHEMISTRY (WASHINGTON)

Biochim Biophys Acta
BIOCHIMICA ET BIOPHYSICA ACTA (AMSTERDAM)

Biofizika
BIOFIZIKA (MOSKVA)

Biokhimiia
BIOKHIMIIA (MOSKVA)

Biol Neonate
BIOLOGY OF THE NEONATE (BASEL)

Biomed Tech (Berlin)
BIOMEDIZINISCHE TECHNIK (BERLIN)

Biotelem Patient Monit
BIOTELEMETRY AND PATIENT MONITORING (BASEL)

Boll Soc Ital Biol Sper
BOLLETTINO - SOCIETA ITALIANA BIOLOGIA SPERIMENTALE (NAPOLI)

Boll Soc Ital Cardiol
BOLLETTINO DELLA SOCIETA ITALIANA DI CARDIOLOGIA (ROMA)

Br Heart J
BRITISH HEART JOURNAL (LONDON)

Br J Dis Chest
BRITISH JOURNAL OF DISEASES OF THE CHEST (LONDON)

Br J Surg
BRITISH JOURNAL OF SURGERY (BRISTOL)

Br Med J
BRITISH MEDICAL JOURNAL (LONDON)

Br Med J [Clin Res]
BRITISH MEDICAL JOURNAL [CLINICAL RESEARCH ED.] (LONDON)

Bratisl Lek Listy
BRATISLAVSKE LEKARSKE LISTY (BRATISLAVA)

Bull Eur Physiopathol Respir
BULLETIN EUROPEEN DE PHYSIOPATHOLOGIE RESPIRATOIRE = CLINICAL RESPIRATORY PHYSIOLOGY (OXFORD)

C

CAL
CAL (CHICAGO)

Can J Appl Sport Sci
CANADIAN JOURNAL OF APPLIED SPORT SCIENCES. JOURNAL CANADIEN DES SCIENCES APPLIQUEES AU SPORT (VANIER CITY ONT)

Can J Biochem
CANADIAN JOURNAL OF BIOCHEMISTRY (OTTAWA)

Can J Neurol Sci
CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES (WINNIPEG)

LIST OF SERIALS INDEXED

Can J Physiol Pharmacol
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY (OTTAWA)

Can J Public Health
CANADIAN JOURNAL OF PUBLIC HEALTH. REVUE CANADIENNE DE SANTE PUBLIQUE (OTTAWA)

Can Med Assoc J
CANADIAN MEDICAL ASSOCIATION JOURNAL (OTTAWA)

Cardiovasc Clin
CARDIOVASCULAR CLINICS (PHILADELPHIA)

Cardiovasc Res
CARDIOVASCULAR RESEARCH (LONDON)

Cas Lek Cesk
CASOPIS LEKARU CESKYCH (PRAHA)

Cathet Cardiovasc Diagn
CATHETERIZATION AND CARDIOVASCULAR DIAGNOSIS (NEW YORK)

Cesk Dermatol
CESKOSLOVENSKA DERMATOLOGIE (PRAHA)

Cesk Zdrav
CESKOSLOVENSKE ZDRAVOTNICTVI (PRAHA)

Chest
CHEST (CHICAGO)

Chir Narzadow Ruchu Ortop Pol
CHIRURGIA NARZADOW RUCHU I ORTOPEDIA POLSKA (WARSZAWA)

Chirurg
CHIRURG (BERLIN)

Circ Res
CIRCULATION RESEARCH (NEW YORK)

Circ Shock
CIRCULATORY SHOCK (BALTIMORE)

Circulation
CIRCULATION (NEW YORK)

Clin Allergy
CLINICAL ALLERGY (OXFORD)

Clin Cardiol
CLINICAL CARDIOLOGY (NEW YORK)

Clin Chim Acta
CLINICA CHIMICA ACTA (AMSTERDAM)

Clin Electroencephalogr
CLINICAL ELECTROENCEPHALOGRAPHY (CHICAGO)

Clin Endocrinol (Oxf)
CLINICAL ENDOCRINOLOGY (OXFORD)

Clin Neurol Neurosurg
CLINICAL NEUROLOGY AND NEUROSURGERY (ASSEN)

Clin Orthop
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH (PHILADELPHIA)

Clin Sci
CLINICAL SCIENCE (LONDON)

Compr Ther
COMPREHENSIVE THERAPY (HARVARD MA)

Conn Med
CONNECTICUT MEDICINE (NEW HAVEN)

Connect Tissue Res
CONNECTIVE TISSUE RESEARCH (LONDON)

CRC Crit Rev Bioeng
CRC CRITICAL REVIEWS IN BIOENGINEERING (CLEVELAND OH)

Curr Med Res Opin
CURRENT MEDICAL RESEARCH AND OPINION (LONDON)

D

Dakar Med
DAKAR MEDICAL (DAKAR)

Diabetes Care
DIABETES CARE (NEW YORK)

Diabetologia
DIABETOLOGIA (BERLIN)

Dtsch Med Wochenschr
DEUTSCHE MEDIZINISCHE WOCHENSCHRIFT (LEIPZIG)

E

Electrodiagn Ther
ELECTRODIAGNOSTIC THERAPIE (CHARLEROI)

Ergonomics
s) ERGONOMICS (LONDON)

Eur J Applied Physiol
EUROPEAN JOURNAL OF APPLIED PHYSIOLOGY AND OCCUPATIONAL PHYSIOLOGY (BERLIN)

Eur J Clin Invest
EUROPEAN JOURNAL OF CLINICAL INVESTIGATION (OXFORD)

Eur J Clin Pharmacol
EUROPEAN JOURNAL OF CLINICAL PHARMACOLOGY (BERLIN)

Eur J Pediatr
EUROPEAN JOURNAL OF PEDIATRICS (BERLIN)

Eur J Respir Dis
EUROPEAN JOURNAL OF RESPIRATORY DISEASES (COPENHAGEN)

Exerc Sport Sci Rev
EXERCISE AND SPORT SCIENCES REVIEWS (NEW YORK)

Exp Aging Res
EXPERIMENTAL AGING RESEARCH (BAR HARBOR MI)

Exp Gerontol
EXPERIMENTAL GERONTOLOGY (OXFORD)

Experientia
s) EXPERIENTIA (BASEL)

F

FEBS Lett
s) FEBS LETTERS (AMSTERDAM)

Fiziol Zh
FIZIOLOGICHESKII ZHURNAL (KIEV)

Fiziol Zh SSSR
FIZIOLOGICHESKII ZHURNAL SSSR IMENI I. M. SECHENOVA (LENINGRAD)

Fortschr Med
FORTSCHRITTE DER MEDIZIN (LEIPZIG)

G

G Clin Med
GIORNALE DI CLINICA MEDICA (BOLOGNA)

G Ital Cardiol
GIORNALE ITALIANO DI CARDIOLOGIA (ROMA)

Gegenbaurs Morphol Jahrb
GEGENBAURS MORPHOLOGISCHES JAHRBUCH (LEIPZIG)

Geriatrics
GERIATRICS (NEW YORK)

Gerontology
GERONTOLOGY (BASEL)

LIST OF SERIALS INDEXED

Gig Sanit
GIGIENA I SANITARIIA (MOSKVA)

Gig Tr Prof Zabol
GIGIENA TRUDA I PROFESSIONALNYE ZABOLEVANIIA (MOSKVA)

H

Hawaii Med J
HAWAII MEDICAL JOURNAL (HONOLULU)

Heart Lung
HEART AND LUNG (ST LOUIS)

Hosp Pract
HOSPITAL PRACTICE (NEW YORK)

Hospitals
HOSPITALS (CHICAGO)

Hum Biol
HUMAN BIOLOGY (DETROIT)

Hypertension
HYPERTENSION (DALLAS TX)

I

Indian Heart J
INDIAN HEART JOURNAL (BOMBAY)

Indian J Chest Dis Allied Sci
INDIAN JOURNAL OF CHEST DISEASES AND ALLIED SCIENCES (DELHI)

Indian J Med Res
INDIAN JOURNAL OF MEDICAL RESEARCH (NEW DELHI)

Indian J Physiol Pharmacol
INDIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY (NEW DELHI)

Int J Biomed Comput
INTERNATIONAL JOURNAL OF BIO-MEDICAL COMPUTING (BARKING ENG)

Int J Clin Pharmacol Ther Toxicol
INTERNATIONAL JOURNAL OF CLINICAL PHARMACOLOGY, THERAPY, AND TOXICOLOGY (MUNCHEN)

Int J Fertil
INTERNATIONAL JOURNAL OF FERTILITY (STOCKHOLM)

Int J Obes
INTERNATIONAL JOURNAL OF OBESITY (LONDON)

Int J Rehabil Res
INTERNATIONAL JOURNAL OF REHABILITATION RESEARCH. INTERNATIONALE ZEITSCHRIFT FUR REHABILITATIONSFORSCHUNG. REVUE INTERNATIONALE DE RECHERCHES DE READAPTATION (RHEINSTETTEN)

Int Rehabil Med
INTERNATIONAL REHABILITATION MEDICINE (BASLE)

Invest Urol
INVESTIGATIVE UROLOGY (BALTIMORE)

Ir Med J
IRISH MEDICAL JOURNAL (DUBLIN)

J

J Allergy Clin Immunol
JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY (ST LOUIS)

J Am Podiatry Assoc
JOURNAL OF THE AMERICAN PODIATRY ASSOCIATION (WASHINGTON)

J Appl Physiol
JOURNAL OF APPLIED PHYSIOLOGY: RESPIRATORY, ENVIRONMENTAL AND EXERCISE PHYSIOLOGY (BETHESDA MD)

J Assoc Physicians India
JOURNAL OF THE ASSOCIATION OF PHYSICIANS OF INDIA (BOMBAY)

J Asthma
JOURNAL OF ASTHMA (OSSINING NY)

J Asthma Res
JOURNAL OF ASTHMA RESEARCH (BALTIMORE)

J Biomech
JOURNAL OF BIOMECHANICS (ELMSFORD NY)

J Bone Joint Surg [Am]
JOURNAL OF BONE AND JOINT SURGERY. AMERICAN VOLUME (BOSTON)

J Cell Physiol
JOURNAL OF CELLULAR PHYSIOLOGY (NEW YORK)

J Chromatogr
s) JOURNAL OF CHROMATOGRAPHY (AMSTERDAM)

J Chronic Dis
JOURNAL OF CHRONIC DISEASES (ELMSFORD NY)

J Clin Endocrinol Metab
JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM (PHILADELPHIA)

J Clin Invest
JOURNAL OF CLINICAL INVESTIGATION (NEW HAVEN CT)

J Clin Lab Immunol
JOURNAL OF CLINICAL AND LABORATORY IMMUNOLOGY (EDINBURGH)

J Conn State Dent Assoc
JOURNAL - CONNECTICUT STATE DENTAL ASSOCIATION (HARTFORD CT)

J Dent Educ
JOURNAL OF DENTAL EDUCATION (WASHINGTON)

J Egypt Med Assoc
JOURNAL OF THE EGYPTIAN MEDICAL ASSOCIATION (CAIRO)

J Epidemiol Community Health
JOURNAL OF EPIDEMIOLOGY AND COMMUNITY HEALTH (LONDON)

J Exp Biol
s) JOURNAL OF EXPERIMENTAL BIOLOGY (LONDON)

J Fam Pract
JOURNAL OF FAMILY PRACTICE (NEW YORK)

J Gerontol
JOURNAL OF GERONTOLOGY (WASHINGTON)

J Hand Surg
JOURNAL OF HAND SURGERY (ST LOUIS)

J Hyg (Lond)
JOURNAL OF HYGIENE (LONDON)

J Indiana State Med Assoc
JOURNAL OF THE INDIANA STATE MEDICAL ASSOCIATION (INDIANAPOLIS IN)

J Infect Dis
JOURNAL OF INFECTIOUS DISEASES (CHICAGO)

J Int Med Res
JOURNAL OF INTERNATIONAL MEDICAL RESEARCH (NORTHAMPTON ENG)

J Kans Med Soc
JOURNAL OF THE KANSAS MEDICAL SOCIETY (TOPEKA KS)

J Laryngol Otol
JOURNAL OF LARYNGOLOGY AND OTOLOGY (LONDON)

LIST OF SERIALS INDEXED

J Med Syst
JOURNAL OF MEDICAL SYSTEMS (NEW YORK)

J Membr Biol
s) JOURNAL OF MEMBRANE BIOLOGY (NEW YORK)

J Neurol Neurosurg Psychiatry
JOURNAL OF NEUROLOGY, NEUROSURGERY AND PSYCHIATRY (LONDON)

J Neurol Sci
JOURNAL OF THE NEUROLOGICAL SCIENCES (AMSTERDAM)

J Neurophysiol
JOURNAL OF NEUROPHYSIOLOGY (BETHESDA MD)

J Nucl Med
JOURNAL OF NUCLEAR MEDICINE. JNM (NEW YORK)

J Okla State Med Assoc
JOURNAL - OKLAHOMA STATE MEDICAL ASSOCIATION (OKLAHOMA CITY OK)

J Pediatr
JOURNAL OF PEDIATRICS (ST LOUIS)

J Perinat Med
JOURNAL OF PERINATAL MEDICINE (BERLIN)

J Pharmacol Exp Ther
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS (BALTIMORE)

J Physiol (Paris)
JOURNAL DE PHYSIOLOGIE (PARIS)

J Physiol (Lond)
JOURNAL OF PHYSIOLOGY (LONDON)

J Prosthet Dent
JOURNAL OF PROSTHETIC DENTISTRY (ST LOUIS)

J S Afr Vet Assoc
s) JOURNAL OF THE SOUTH AFRICAN VETERINARY ASSOCIATION (PRETORIA)

J Sports Med Phys Fitness
JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS (TORINO)

J Stud Alcohol
JOURNAL OF STUDIES ON ALCOHOL (NEW BRUNSWICK NJ)

J Trauma
JOURNAL OF TRAUMA (BALTIMORE)

JAMA
JAMA. JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION (CHICAGO)

JAOA
JAOA. JOURNAL OF THE AMERICAN OSTEOPATHIC ASSOCIATION (CHICAGO)

JOM
JOM. JOURNAL OF OCCUPATIONAL MEDICINE (CHICAGO)

JPEN
JPEN. JOURNAL OF PARENTERAL AND ENTERAL NUTRITION (BALTIMORE)

Jpn Circ J
JAPANESE CIRCULATION JOURNAL (KYOTO)

Jpn Heart J
JAPANESE HEART JOURNAL (TOKYO)

K

Kardiologiia
KARDIOLOGIIA (MOSKVA)

Kidney Int
KIDNEY INTERNATIONAL (BERLIN)

Kosm Biol Aviakosm Med
KOSMICHESKAIA BIOLOGIIA I AVIAKOSMICHESKAIA MEDITSINA (MOSKVA)

L

Lakartidningen
LAKARTIDNINGEN (STOCKHOLM)

Lancet
LANCET (LONDON)

Laryngoscope
LARYNGOSCOPE (ST LOUIS)

Life Sci
LIFE SCIENCES (OXFORD)

Lung
LUNG (HEIDELBERG)

M

Med Care
MEDICAL CARE (PHILADELPHIA)

Med Clin North Am
MEDICAL CLINICS OF NORTH AMERICA (PHILADELPHIA)

Med Interne
MEDECINE INTERNE (BUCURESTI)

Med J Aust
MEDICAL JOURNAL OF AUSTRALIA (SYDNEY)

Med Klin
MEDIZINISCHE KLINIK (MUNCHEN)

Med Lav
MEDICINA DEL LAVORO (MILANO)

Med Sci Sports Exerc
MEDICINE AND SCIENCE IN SPORTS AND EXERCISE (MADISON WI)

Med Times
MEDICAL TIMES (MANHASSET NY)

Ment Retard
MENTAL RETARDATION (ALBANY)

Metabolism
METABOLISM, CLINICAL AND EXPERIMENTAL (NEW YORK)

Milit Med
MILITARY MEDICINE (WASHINGTON)

Minerva Cardioangiol
MINERVA CARDIOANGIOLOGICA (TORINO)

Minerva Med
MINERVA MEDICA (TORINO)

Minn Med
MINNESOTA MEDICINE (ST PAUL MN)

MMW
MMW. MUNCHENER MEDIZINISCHE WOCHENSCHRIFT (MUNCHEN)

MMWR
s) MMWR. CENTER FOR DISEASE CONTROL MORBIDITY AND MORTALITY WEEKLY REPORT (ATLANTA GA)

Muscle Nerve
MUSCLE AND NERVE (BOSTON)

N

N Engl J Med
NEW ENGLAND JOURNAL OF MEDICINE (BOSTON)

Nature
s) NATURE (LONDON)

Naunyn Schmiedebergs Arch Pharmacol
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY (BERLIN)

LIST OF SERIALS INDEXED

Ned Tijdschr Geneeskd
NEDERLANDS TIJDSCHRIFT VOOR GENEESKUNDE (AMSTERDAM)

Ned Tijdschr Tandheelkd
NEDERLANDS TIJDSCHRIFT VOOR TANDHEELKUNDE (UTRECHT)

Neurochem Res
NEUROCHEMICAL RESEARCH (NEW YORK)

Neurol Neurochir Pol
NEUROLOGIA I NEUROCHIRURGIA POLSKA (WARSZAWA)

Neuroscience
NEUROSCIENCE (OXFORD)

Nippon Kyobu Shikkan Gakkai Zasshi
NIPPON KYOBU SHIKKAN GAKKAI ZASSHI. JAPANESE JOURNAL OF THORACIC DISEASES. (TOKYO)

Nouv Presse Med
NOUVELLE PRESSE MEDICALE (PARIS)

Nuklearmedizin
NUKLEARMEDIZIN. NUCLEAR MEDICINE (STUTTGART)

Nurs Careers
NURSING CAREERS (VAN NUYS CA)

Nurs Mirror
NURSING MIRROR (SUSSEX)

Nurs Times
NURSING TIMES (LONDON)

Nurse Pract
NURSE PRACTITIONER (TRENTON NJ)

Nutr Metab
NUTRITION AND METABOLISM (BASEL)

NZ Med J
NEW ZEALAND MEDICAL JOURNAL (DUNEDIN NZ)

O

Occup Health (Lond)
OCCUPATIONAL HEALTH (LONDON)

Occup Health Saf
OCCUPATIONAL HEALTH AND SAFETY (WACO TX)

Ohio State Med J
OHIO STATE MEDICAL JOURNAL (COLUMBUS OH)

Ophthalmology (Rochester)
OPHTHALMOLOGY (ROCHESTER MN)

Ortop Travmatol Protez
ORTOPEDIIA TRAVMATOLOGIIA I PROTEZIROVANIE (MOSKVA)

P

Paediatr Indones
PAEDIATRICA INDONESIANA (DJAKARTA)

Paediatr Padol
PADIATRIE UND PADOLOGIE (WIEN)

Patol Fiziol Eksp Ter
PATOLOGICHESKAIA FIZIOLOGIIA I EKSPERIMENTALNAIA TERAPIIA (MOSKVA)

Pediatr Ann
PEDIATRIC ANNALS (NEW YORK)

Pediatr Pol
PEDIATRIA POLSKA (WARSZAWA)

Pediatrics
PEDIATRICS (EVANSTON IL)

Pediatriia
PEDIATRIIA (MOSKVA)

Peptides (Fayetteville)
PEPTIDES (FAYETTEVILLE NY)

Pfluegers Arch
PFLUEGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY (BERLIN)

Pharmacol Biochem Behav
PHARMACOLOGY, BIOCHEMISTRY AND BEHAVIOR (PHOENIX NY)

Phys Ther
PHYSICAL THERAPY (NEW YORK)

Physiol Behav
PHYSIOLOGY AND BEHAVIOR (ELMSFORD NY)

Physiologist
PHYSIOLOGIST (BETHESDA MD)

Plast Reconstr Surg
PLASTIC AND RECONSTRUCTIVE SURGERY (BALTIMORE)

Pol Tyg Lek
POLSKI TYGODNIK LEKARSKI (WARSZAWA)

Postgrad Med
POSTGRADUATE MEDICINE (MINNEAPOLIS MN)

Prax Klin Pneumol
PRAXIS UND KLINIK DER PNEUMOLOGIE (STUTTGART)

Praxis
PRAXIS (BERN)

Prev Med
PREVENTIVE MEDICINE (NEW YORK)

Probl Endokrinol (Mosk)
PROBLEMY ENDOKRINOLOGII (MOSKVA)

Proc Eur Dial Transplant Assoc
PROCEEDINGS OF THE EUROPEAN DIALYSIS AND TRANSPLANT ASSOCIATION (TUNBRIDGE WELLS ENG)

Proc Natl Acad Sci USA
s) PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA (WASHINGTON)

Prog Brain Res
PROGRESS IN BRAIN RESEARCH (AMSTERDAM)

Prostaglandins Med
PROSTAGLANDINS AND MEDICINE (NEW YORK)

Przegl Lek
PRZEGLAD LEKARSKI (CRACOW)

Psychiatry Res
PSYCHIATRY RESEARCH (AMSTERDAM)

Psychopharmacology (Berlin)
PSYCHOPHARMACOLOGY (BERLIN)

R

Radiol Med (Torino)
RADIOLOGIA MEDICA (TORINO)

Radiology
RADIOLOGY (EASTON PA)

Rehabil Lit
REHABILITATION LITERATURE (CHICAGO)

Reproduccion
REPRODUCCION (MADRID)

Res Q Exerc Sport
RESEARCH QUARTERLY FOR EXERCISE AND SPORT (WASHINGTON)

Respir Physiol
RESPIRATION PHYSIOLOGY (AMSTERDAM)

Respiration
RESPIRATION (BASEL)

LIST OF SERIALS INDEXED

Resuscitation
RESUSCITATION (AMSTERDAM)

Reumatologia
REUMATOLOGIA (WARSZAWA)

Rev Chir Orthop
REVUE DE CHIRURGIE ORTHOPEDIQUE ET REPARATRICE DE L APPAREIL MOTEUR (PARIS)

Rev Esp Fisiol
REVISTA ESPANOLA DE FISIOLOGIA (BARCELONA)

Rev Med Brux
REVUE MEDICALE DE BRUXELLES (BRUXELLES)

Rev Med Interna [Med Interna]
REVISTA DE MEDICINA INTERNA, NEUROLOGIE, PSIHIATRIE, NEUROCHIRURGIE, DERMATO-VENEROLOGIE. SERIA: MEDICINA INTERNA (BUCURESTI)

Rev. Physiol Biochem Pharmacol
REVIEWS OF PHYSIOLOGY BIOCHEMISTRY AND PHARMACOLOGY (BERLIN)

Rev Prat
REVUE DU PRATICIEN (PARIS)

Rev Prat
REVUE DU PRATICIEN (PARIS)

Rheumatol Rehabil
RHEUMATOLOGY AND REHABILITATION (LONDON)

Riv Biol
s) RIVISTA DI BIOLOGIA (PERUGIA)

Riv Med Aeronaut Spaz
RIVISTA DI MEDICINA AERONAUTICA E SPAZIALE (ROMA)

ROEFO
ROFO: FORTSCHRITTE AUF DEM GEBIETE DER RONTGENSTRAHLEN UND DER NUKLEARMEDIZIN (STUTTGART)

S

S Afr Med J
SOUTH AFRICAN MEDICAL JOURNAL (CAPE TOWN)

Scand J Rheumatol
SCANDINAVIAN JOURNAL OF RHEUMATOLOGY (STOCKHOLM)

Scand J Work Environ Health
SCANDINAVIAN JOURNAL OF WORK, ENVIRONMENT AND HEALTH (HELSINKI)

Schweiz Z Sportmed
SCHWEIZERISCHE ZEITSCHRIFT FUR SPORTMEDIZIN (GENEVA)

Sci Prog
s) SCIENCE PROGRESS (OXFORD)

Semin Nucl Med
SEMINARS IN NUCLEAR MEDICINE (NEW YORK)

Singapore Med J
SINGAPORE MEDICAL JOURNAL (SINGAPORE)

Sleep
SLEEP (NEW YORK)

South Med J
SOUTHERN MEDICAL JOURNAL (BIRMINGHAM AL)

Soz Praeventivmed
SOZIAL- UND PRAVENTIVMEDIZIN (BERN)

Surg Gynecol Obstet
SURGERY, GYNECOLOGY AND OBSTETRICS (CHICAGO)

T

Ter Arkh
TERAPEVTICHESKII ARKHIV (MOSKVA)

Tex Med
TEXAS MEDICINE (AUSTIN TX)

Thorac Cardiovasc Surg
THORACIC AND CARDIOVASCULAR SURGEON (STUTTGART)

Thorax
THORAX (LONDON)

Top Clin Nurs
TOPICS IN CLINICAL NURSING (GERMANTOWN MD)

Trans Assoc Life Insur Med Dir Am
TRANSACTIONS OF THE ASSOCIATION OF LIFE INSURANCE MEDICAL DIRECTORS OF AMERICA (NEW YORK)

U

Undersea Biomed Res
UNDERSEA BIOMEDICAL RESEARCH (BETHESDA MD)

Unfallheilkunde
UNFALLHEILKUNDE (BERLIN)

Urol Res
UROLOGICAL RESEARCH (BERLIN)

US Navy Med
s) US NAVY MEDICINE (WASHINGTON)

V

Vasa
VASA (BERN)

Vnitr Lek
VNITRNI LEKARSTVI (PRAHA)

Vopr Kurortol Fizioter Lech Fiz Kult
VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KULTURY (MOSKVA)

Vopr Pitan
VOPROSY PITANIIA (MOSKVA)

Vopr Revm
VOPROSY REVMATIZMA (MOSKVA)

Vutr Boles
VUTRESHNI BOLESTI (SOFIA)

W

Wien Klin Wochenschr
WIENER KLINISCHE WOCHENSCHRIFT (WIEN)

Y

Yale J Biol Med
YALE JOURNAL OF BIOLOGY AND MEDICINE (NEW HAVEN CT)

Z

Z Erkr Atmungsorgane
ZEITSCHRIFT FUR ERKRANKUNGEN DER ATMUNGSORGANE (LEIPZIG)

Z Exp Angew Psychol
s) ZEITSCHRIFT FUR EXPERIMENTELLE UND ANGEWANDTE PSYCHOLOGIE (GOTTINGEN)

Z Gesamte Hyg
ZEITSCHRIFT FUR DIE GESAMTE HYGIENE UND IHRE GRENZGEBIETE (BERLIN)

LIST OF SERIALS INDEXED

Z Gesamte Inn Med
ZEITSCHRIFT FUR DIE GESAMTE INNERE MEDIZIN UND IHRE GRENZGEBIETE (LEIPZIG)

Z Kardiol
ZEITSCHRIFT FUR KARDIOLOGIE (DARMSTADT)

Z Orthop
ZEITSCHRIFT FUR ORTHOPAEDIE UND IHRE GRENZGEBIETE (STUTTGART)

Z Versuchstierkd
ZEITSCHRIFT FUR VERSUCHSTIERKUNDE (JENA)

*U.S. GOVERNMENT PRINTING OFFICE: 1981--356-366/9936

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

The citations in this bibliography all are selected from those contained in MEDLARS (The National Library of Medicine's Medical Literature Analysis and Retrieval System), and the subject headings correspond to those used in MEDLARS. The subjects covered in this bibliography were chosen by a scientific committee. Members of the committee are:

Charles M. Tipton, Ph.D.
American College of Sports Medicine

Melvin L. Thornton, M.D.
American Medical Association Committee on the Medical Aspects of Sports

Clifford A. Bachrach, M.D.
National Library of Medicine

Samuel M. Fox III, M.D.
The President's Council on Physical Fitness and Sports

Daniel F. Hanley, M.D.
United States Olympic Committee

Yvonne B. Scott
National Library of Medicine (staff support)

Ash Hayes, Ed.D.
The President's Council on Physical Fitness and Sports (staff support)

DEPARTMENT OF
HEALTH & HUMAN SERVICES

The President's Council on
Physical Fitness and Sports
Washington DC 20201

Official Business
Penalty for Private Use $300

Postage and Fees Paid
U.S. Dept of H.H.S.
HHS 396

U.S.MAIL

CONTROLLED CIRCULATION RATE

5/2

NEWARK PUBLIC LIBRARY

PHYSICAL FITNESS/SPORTS MEDICINE

MAR 9 1982

Volume 5, Number 2, Spring 1982

U. S. GOVT. PUBS.
DEPOSITORY 376

PRESIDENT'S COUNCIL ON PHYSICAL FITNESS & SPORTS

A bibliographic service encompassing exercise physiology, sports injuries, physical conditioning and the medical aspects of exercise

HE 20.111:

National Library of Medicine Cataloging in Publication

ZQT Physical fitness/sports medicine.
255 v. 1- winter 1978-
P578 Washington, President's Council on Physical Fitness and Sports.
v.

Consists of citations retrieved by computer from the MEDLARS data base of the National Library of Medicine.

Key title: Physical fitness/sports medicine, ISSN 0163-2582

1. Physical Fitness - indexes 2. Reference Books, Medical 3. Sports Medicine - indexes I. President's Council on Physical Fitness and Sports. II. National Library of Medicine.

PHYSICAL FITNESS/SPORTS MEDICINE

A Publication of the President's Council on Physical Fitness and Sports

Volume 5 Number 2
Spring—1982
ISSN 0163-2582

This bibliography contains citations chosen from more than 3,000 selected periodicals, including foreign-language periodicals that print English abstracts of the articles they publish. Papers presented at selected Congresses also are included.

PHYSICAL FITNESS/SPORTS MEDICINE is published quarterly by the President's Council on Physical Fitness and Sports, 400 Sixth Street, SW., Washington, DC 20201. The Secretary of Health, Education, and Welfare has determined that publication of this periodical is essential to the conduct of the public business required by Executive Order 11562 of the President's Council. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through December 31, 1978. The yearly subscription rate is $8.50 in the United States and $10.65 elsewhere. Prices for single copies are $3.00 Domestic and $3.75 Foreign. Send subscription orders to Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

PHYSICAL FITNESS/SPORTS MEDICINE

ABDOMINAL INJURIES

Karate and karate injuries. McLatchie G. **Br J Sports Med** 1981 Mar;15(1):84-6

ACCIDENTS, TRAFFIC

Anterolateral rotatory instability of the knee. An analysis of the Ellison procedure. Hanks GA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):225-32

Lateral roentgenographic projections of the acromioclavicular joint. Waldrop JI, et al. **Am J Sports Med** 1981 Sep-Oct; 9(5):337-41

Club motorcycle racing medical aid and types of injury. Park GR. **J R Army Med Corps** 1981 Jun;127(2):87-92

[Epiphyseolysis as a result of tear on the upper tibia (author's transl)] Jókai I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1981;24(1):28-32 (Eng. Abstr.) **(Hun)**

ACCLIMATIZATION

Effect of acclimatization to heat on the regulation of sweating during moderate and severe exercise. Davies CT. **J Appl Physiol** 1981 Apr;50(4):741-6

Exercise training hypotension: implications for plasma volume, renin, and vasopressin. Greenleaf JE, et al. **J Appl Physiol** 1981 Aug;51(2):298-305

ACHILLES TENDON

Management of pain beneath the heel and Achilles tendonitis with visco-elastic heel inserts. MacLellan GE, et al. **Br J Sports Med** 1981 Jun;15(2):117-21

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

Transcutaneous nerve stimulation: its significance and applications in podiatry. Grosack MA, et al. **J Foot Surg** 1981 Fall; 20(3):127-35

Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198-204

[Tendon injuries in sport activities] Mironova ZS, et al. **Ortop Travmatol Protez** 1981 Jan;(1):22-6 (Eng. Abstr.) **(Rus)**

ACROMIOCLAVICULAR JOINT

Lateral roentgenographic projections of the acromioclavicular joint. Waldrop JI, et al. **Am J Sports Med** 1981 Sep-Oct; 9(5):337-41

ADAPTATION, PHYSIOLOGICAL

Scuba diving hazards: health counseling. Josephson S. **Am J Nurs** 1981 Aug;81(8):1458-61

Role of the renin-angiotensin and of the adrenergic system in the blood pressure regulation at exercise in normotensive subjects and in hypertensive patients. Amery A, et al. **Cardiology** 1981; 68(2):103-17

Morphological criteria of adaptation of the osseous system to increased physical loading. Sudzilovski PV. **Folia Morphol (Praha)** 1981;29(3):209-12

Efficiency of increased energy expenditure during adaptation to heat. Novozhilov GN. **Hum Physiol** 1980 Nov-Dec; 6(6):397-400

Adaptation of prepubertal children to exercise. Yates C, et al. **J Okla State Med Assoc** 1981 Jun;74(6):173-7 (35 ref.)

Specificity of submaximal working capacity. Leblanc C, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):15-22

Adaptation to peripheral muscle training. Gaffney FA, et al. **Scand J Rehabil Med** 1981;13(1):11-6

Cardiac sarcolemma: compositional adaptation to exercise. Tibbits GF, et al. **Science** 1981 Sep 11;213(4513):1271-3

[Morphofunctional equivalents of the pituitary-adrenal system in disruptions of the integrity of the cardiorespiratory systems] Sorokin AP, et al. **Arkh Anat Gistol Embriol** 1981 May; 80(5):73-8 (Eng. Abstr.) **(Rus)**

[Changes in the structure and cellular makeup of inguinal lymph nodes of white rats after dynamic and static loading] Vikhruk TI. **Arkh Anat Gistol Embriol** 1981 May;80(5):23-30 (Eng. Abstr.) **(Rus)**

[Effect of 1-day water immersion on the indices of the human cardiorespiratory system under physical load] Beliaev SM. **Kosm Biol Aviakosm Med** 1981 Jun-Jul;15(4):24-6 (Eng. Abstr.) **(Rus)**

ADIPOSE TISSUE

The 'metabolically-obese,' normal weight individual. Ruderman NB, et al. **Am J Clin Nutr** 1981 Aug;34(8):1617-21

Female runners and secondary amenorrhea: correlation with age, parity, mileage, and plasma hormonal and sex-hormone-binding globulin concentrations. Baker ER, et al. **Fertil Steril** 1981 Aug; 36(2):183-7

Adipose cell size of distance runners before and after a 23 mile run. Wilcox AR, et al. **J Sports Med Phys Fitness** 1981 Mar; 21(1):1-6

Delayed menarche and amenorrhea of college athletes in relation to age of onset of training. Frisch RE, et al. **JAMA** 1981 Oct 2;246(14):1559-63

Reproductive function in women athletes [editorial] Rebar RW, et al. **JAMA** 1981 Oct 2;246(14):1590

Obesity in children and adolescents. Turner TJ. **JDBP** 1980 Mar; 1(1):43-7

Comparison of hydrostatic weighing at residual volume and total lung capacity. Weltman A, et al. **Med Sci Sports Exerc** 1981; 13(3):210-3

Physical training and adipose tissue fatty acid composition in men. Sutherland WH, et al. **Metabolism** 1981 Sep;30(9):839-44

Biologic influences on exercise adherence. Dishman RK. **Res Q Exerc Sport** 1981 May;52(2):143-59

Physical characteristics and oxygen utilization of male and female marathon runners. Wells CL, et al. **Res Q Exerc Sport** 1981 May; 52(2):281-5

[Prolonged effects of training on adipose tissue glucose metabolism and insulin responsiveness in adult rats (author's transl)] Gommers A, et al. **Diabete Metab** 1981 Jun;7(2):121-6 (Eng. Abstr.) **(Fre)**

AGING

Effects of age and prolonged running on proteolytic capacity in mouse cardiac and skeletal muscles. Salminen A, et al.

PHYSICAL FITNESS/SPORTS MEDICINE

AGING

Acta Physiol Scand 1981 May;112(1):89-95

The 'metabolically-obese,' normal-weight individual. Ruderman NB, et al. **Am J Clin Nutr** 1981 Aug;34(8):1617-21

Chronological and biological age as related to physical fitness in boys 12 to 19 years. Beunen G, et al. **Ann Hum Biol** 1981 Jul; 8(4):321-31

Sleep and the athlete. Shapiro CM. **Br J Sports Med** 1981 Mar; 15(1):51-5

Arterial plasma histamine after exercise in normal individuals an in patients with exercise-induced asthma. Hartley JP, et al. **Clin Sci** 1981 Aug;61(2):151-7

Factors associated with the initial blood pressure level and with the subsequent blood pressure increase in a longitudinal population study. The study of men born in 1913. Svärdsudd K, et al. **Eur Heart J** 1980 Oct;1(5):345-54

Female runners and secondary amenorrhea: correlation with age, parity, mileage, and plasma hormonal and sex-hormone-binding globulin concentrations. Baker ER, et al. **Fertil Steril** 1981 Aug; 36(2):183-7

Structure and function changes in the endocrine pancreas of aging rats with reference to the modulating effects of exercise and caloric restriction. Reaven EP, et al. **J Clin Invest** 1981 Jul; 68(1):75-84

Age-related changes of cardiac control function in man. With special reference to heart rate control at rest and during exercise. Sato I, et al. **J Gerontol** 1981 Sep;36(5):564-72

Prevention of age-related hypertriglyceridemia by caloric restriction and exercise training in the rat. Reaven GM, et al. **Metabolism** 1981 Oct;30(10):982-6

Evaluation of functional capacity in activities of daily living in 70-year-old men and women. Aniansson A, et al. **Scand J Rehabil Med** 1980;12(4):145-54

Isometric and isokinetic quadriceps muscle strength in 70-year-old men and women. Aniansson A, et al. **Scand J Rehabil Med** 1980; 12(4):161-8

Evaluation of upper extremity function in 70-year-old men and women. Sperling L. **Scand J Rehabil Med** 1980;12(4):139-44

[Malnutrition in 3 hospital populations] Labadarios D, et al. **S Afr Med J** 1981 Aug 1;60(5):213-6 (Eng. Abstr.) **(Afr)**

[Preclinical precautions in the therapeutic treatment of the aged] Lang E. **Ther Umsch** 1981 Jan;38(1):8-13 (Eng. Abstr.) **(Ger)**

[On the influence of D-penicillamine on collage metabolism - investigations of the rupture of strength in tailfibre in rats of several ages (author's transl)] Trzenschik K, et al. **ZFA (Dresden)** 1980;35(4):297-301 (Eng. Abstr.) **(Ger)**

[Biomechanical study of human cerebral arteries (author's transl)] Nagasawa S. **Nippon Geka Hokan** 1980 Sep 1;49(5):620-36 (Eng. Abstr.) **(Jpn)**

[Characteristics of the reaction of the blood fibrinolytic system to physical loading in healthy persons and in elderly ischemic heart disease patients] Korkushko OV, et al. **Kardiologiia** 1981 Apr;21(4):29-33 (Eng. Abstr.) **(Rus)**

[Strength of the muscles of the maxillofacial area in physiological bite in preschool children] Molokov VD. **Stomatologiia (Mosk)** 1981;60(4):55-6 (Eng. Abstr.) **(Rus)**

AIRWAY OBSTRUCTION

Respiratory function during physical exercise in normal and obstructed noses. Togawa K, et al. **Arch Otorhinolaryngol** 1981; 232(1):1-10

AIRWAY RESISTANCE

Respiratory function during physical exercise in normal and obstructed noses. Togawa K, et al. **Arch Otorhinolaryngol** 1981; 232(1):1-10

Effects of SO2 plus NaCl aerosol combined with moderate exercise on pulmonary function in asthmatic adolescents. Koenig JQ, et al. **Environ Res** 1981 Aug;25(2):340-8

Comparison of regulation of respiration in transitional and steady-state regimes of muscular work and under the influence of additional resistance. Breslav IS, et al. **Hum Physiol** 1980 Nov-Dec;6(6):401-6

Cholinergic and alpha adrenergic augmentation of histamine-induced contraction of canine airway smooth muscle. Leff AR, et al. **J Pharmacol Exp Ther** 1981 Sep;218(3):582-7

[Contribution to the classification of the role of E2 prostaglandin S2 in certain bronchospasm situations] Banaudi C, et al. **Minerva Med** 1981 Jun 23;72(25):1623-6 (Eng. Abstr.) **(Ita)**

ALCOHOL DRINKING

Non-drug treatment of hypertension. Kaplan NM. **Aust NZ J Med** 1981;11(Suppl 1):73-5

Alcohol consumption and high-density lipoprotein cholesterol in marathon runners. **Nutr Rev** 1981 Aug;39(8):303-4 (12 ref.)

ALCOHOL, ETHYL

Thermal and glycemic responses during mild exercise in +5 to -15 degrees C environments following alcohol ingestion. Graham TE. **Aviat Space Environ Med** 1981 Sep;52(9):517-22

ALTITUDE

A comparison of ventilatory pulmonary functions between the National Cadet Corps (N.C.C.) of hilly and plain areas. De AK, et al. **Indian J Physiol Pharmacol** 1981 Jan-Mar;25(1):69-72

Energy expenditure during load carriage at high altitude. Cymerman A, et al. **J Appl Physiol** 1981 Jul;51(1):14-8

Components of alveolar-arterial O2 gradient during rest and exercise at sea level and high altitude. Sylvester JT, et al. **J Appl Physiol** 1981 Jun;50(6):1129-39

[Changes in the venous flow of the pulmonary circulation in dependence on altitude and loading in patients with bronchial asthma (author's transl)] Kolesár J, et al. **Bratisl Lek Listy** 1981; 75(4):446-53 (Eng. Abstr.) **(Slo)**

AMINOPHYLLINE

The effects of local anaesthetics on the isometric contraction of the isolated hemidiaphragm of the rat. Prostran M, et al. **Arch Int Pharmacodyn Ther** 1981 Mar;250(1):30-9

The effect of sustained-release aminophylline on exercise-induced asthma. Phillips MJ, et al. **Br J Dis Chest** 1981 Apr; 75(2):181-9

Relaxation of the isolated coronary artery by inosine: noninvolvement of the adenosine receptor. Jones CE, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):612-21

AMYOTROPHIC LATERAL SCLEROSIS

Pathology of myelinated fibers in cervical and lumbar ventral spinal roots in amyotrophic lateral sclerosis. Sobue G, et al. **J Neurol Sci** 1981 Jun;50(3):413-21

ANABOLIC STEROIDS

[Modification of glycolytic and oxidative skeletal muscle enzymes in man through anaerobic training or anabolic steroids] Pfister B, et al. **Schweiz Z Sportmed** 1981 Jun;29(2):45-52 (Eng. Abstr.) **(Ger)**

ANAEROBIOSIS

Vasodilator and inotropic agents in treatment of chronic cardiac failure: clinical experience and response in exercise performance. Weber KT, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):569-77 (32 ref.)

Physiology of gas exchange and exertional dyspnoea. Wasserman K. **Clin Sci** 1981 Jul;61(1):7-13 (21 ref.)

Critical power as a measure of physical work capacity and anaerobic threshold. Moritani T, et al. **Ergonomics** 1981 May; 24(5):339-50

[Energy metabolism in pregnant and non-pregnant myometrium] Herrmann U Jr, et al. **Schweiz Z Sportmed** 1981 Jun; 29(2):53-9 (Eng. Abstr.) **(Ger)**

[Modification of glycolytic and oxidative skeletal muscle enzymes in man through anaerobic training or anabolic steroids] Pfister B, et al. **Schweiz Z Sportmed** 1981 Jun;29(2):45-52 (Eng. Abstr.) **(Ger)**

[Determination of maximal anaerobic potential] Data PG, et al. **Boll Soc Ital Biol Sper** 1981 Mar 30;57(6):692-7 (Eng. Abstr.) **(Ita)**

ANALGESICS

Effects of exercise performance on drugs used in musculoskeletal disorders. Day RO. **Med Sci Sports Exerc** 1981;13(4):272-5

ANALGESICS, ANTI-INFLAMMATORY

Controlled clinical trial with Fentiazac cream in sport microtraumatology. Sinniger M, et al. **J Int Med Res** 1981; 9(4):300-2

ANGINA PECTORIS

Improved interpretation of a continuous variable in diagnostic testing: probabilistic analysis of scintigraphic rest and exercise left ventricular ejection fractions for coronary disease detection. Diamond GA, et al. **Am Heart J** 1981 Aug;102(2):189-95

Effect of propranolol on postexercise left ventricular ejection time index. Boudoulas H, et al. **Am J Cardiol** 1981 Aug; 48(2):357-60

Value of exercise thallium-201 imaging in patients with diagnostic and nondiagnostic exercise electrocardiograms. Iskandrian AS.

et al. **Am J Cardiol** 1981 Aug;48(2):233-8

Comparative study of myocardial ischemia during angina at rest and on exertion using thallium-201 scintigraphy. Uthurralt N, et al. **Am J Cardiol** 1981 Sep;48(3):410-7

Double-blind, randomized, placebo-controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris. Johnson SM, et al. **Am J Med** 1981 Sep; 71(3):443-51

Individual differences in life-style response to coronary artery bypass surgery. Ramshaw JE, et al. **Br J Med Psychol** 1981 Mar; 54(Pt 1):83-9

Prediction of severity of coronary artery disease using slope of submaximal ST segment/heart rate relationship. Elamin MS, et al. **Cardiovasc Res** 1980 Dec;14(12):681-91

The prolonged effect of pentaerythritol tetranitrate on exercise capacity in stable effort angina pectoris. Giles TD, et al. **Chest** 1981 Aug;80(2):142-5

Effects of nitrates on R-wave variations after exercise in coronary heart disease: differences in patients with and without angina pectoris. Lerman J, et al. **Chest** 1981 Aug;80(2):137-41

Respiratory alkalemia during exercise reduces angina threshold. Neill WA, et al. **Chest** 1981 Aug;80(2):149-53

Accuracy of diagnosis of coronary artery disease by radionuclide management of left ventricular function during rest and exercise. Jones RH, et al. **Circulation** 1981 Sep;64(3):586-601

The use of propranolol and nifedipine in the medical management of angina pectoris. Fox KM, et al. **Clin Cardiol** 1981 May; 4(3):125-9

Persistence of improved exercise tolerance and degree of revascularization after coronary bypass surgery. A prospective randomized study. Frick MH, et al. **Clin Cardiol** 1979 Apr; 2(2):81-6

Variability of exercise performance during long-term placebo treatment. McGraw BF, et al. **Clin Pharmacol Ther** 1981 Sep; 30(3):321-7

Variable threshold of exertional angina: a clue to a vasospastic component. Brunelli C, et al. **Eur Heart J** 1981 Apr; 2(2):155-61

Comparison of two radionuclide techniques for detecting disease of right and left coronary arteries. Johnson LL, et al. **Herz** 1981 Jun;6(3):166-77

Therapy of angina pectoris with low-dose perhexiline. Horgan JH, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):566-72

Prescription of home exercise therapy for cardiovascular fitness. Mulder JA, et al. **J Fam Pract** 1981 Sep;13(3):345-8

Reasons for dropout from exercise programs in post-coronary patients. Andrew GM, et al. **Med Sci Sports Exerc** 1981; 13(3):164-8

The effect of drugs on the cardiovascular response to exercise. Powles AC. **Med Sci Sports Exerc** 1981;13(4):252-8 (88 ref.)

The effect of repeated supine exercise on exercise tolerance and left ventricular pump function in patients with angina pectoris. Carlens P. **Scand J Clin Lab Invest** 1980 Apr;40(2):105-14

Exercise electrocardiogram in patients with normal and abnormal coronary arteriogram. Jonasson R, et al. **Scand J Clin Lab Invest** 1980;40(8):775-82

Predictive value of early postmyocardial infarction modified treadmill exercise testing in multivessel coronary artery disease detection. Starling MR, et al. **Am Heart J** 1981 Aug; 102(2):169-75 **(eng)**

[The effects of atenolol on the exercise symptoms of coronary patients. A double blind study (author's transl)] Bischoff K. **MMW** 1981 Sep 4;123(36):1337-40 (Eng. Abstr.) **(Ger)**

[201-thallium stress scintigram in patients with coronary artery disease after administration of the cardioselective betablocker atenolol (author's transl)] Chlup J, et al. **Z Kardiol** 1981 Jun; 70(6):450-4 (Eng. Abstr.) **(Ger)**

[Electrocardiographic differential diagnosis of ischemic and aspecific anomalies of ventricular repolarization] Mosti GB, et al. **Boll Soc Ital Cardiol** 1980;25(7):731-45 (Eng. Abstr.) **(Ita)**

[Exercise test in women with abnormal ecg (author's transl)] Ghilardi P, et al. **G Ital Cardiol** 1980;10(12):1634-80 (Eng. Abstr.) **(Ita)**

[Prognostic and diagnostic value of the exercise test and early coronary anamnesis in patients with myocardial infarct studied in a median term follow-up] Marra S, et al. **G Ital Cardiol** 1980; 10(12):1622-33 (Eng. Abstr.) **(Ita)**

[Exercise echocardiography: interventricular septal thickness and motion in patients with effort angina during ergometer exercise (author's transl)] Takahashi Y, et al. **J Cardiogr** 1981 Mar; 11(1):67-78 (Eng. Abstr.) **(Jpn)**

[Effect of isometric exertion (handgrip) on left-ventricular activity in angina pectoris evaluated by ultrasonocardiography] Trojnar R, et al. **Kardiol Pol** 1981;24(6):439-44 (Eng. Abstr.) **(Pol)**

[Changes in intracardiac hemodynamics and the tolerance for physical loading as affected by Nitrong in persons suffering from ischemic heart disease] Gasilin VS, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981; 4(1):59-64 (Eng. Abstr.) **(Rus)**

[Comparative pharmacodynamics study of korinfar and isoptin in ischemic heart disease] Savvateev KL, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981; 4(1):64-70 (Eng. Abstr.) **(Rus)**

[Combined use of psychological and physical loading tests in the diagnosis of ischemic heart disease] Kvantaliani TG, et al. **Kardiologiia** 1981 Jun;21(6):68-71 (Eng. Abstr.) **(Rus)**

[Electro- and echocardiographic changes during an angina attack in an ergometrine pharmacological test] Shevchenko OP, et al. **Kardiologiia** 1981 Jun;21(6):62-7 (Eng. Abstr.) **(Rus)**

[Physical work capacity in isometric and dynamic regimens in patients with stenocardia and cardiac-type neurocirculatory dystonia] Volkov VS, et al. **Kardiologiia** 1981 Apr;21(4):26-9 (Eng. Abstr.) **(Rus)**

[Bicycle ergometry in the expert evaluation of stenocardia patients' work capacity] Oberemchenko IaV, et al. **Vrach Delo** 1981 May; (5):55-8 (Eng. Abstr.) **(Rus)**

ANGIOCARDIOGRAPHY

Effect of stenosed and occluded coronary arteries on immediate and late myocardial uptake of thallium-201. Clitsakis D, et al. **Br Heart J** 1981 Aug;46(2):186-9

Prediction of severity of coronary artery disease using slope of submaximal ST segment/heart rate relationship. Elamin MS, et al. **Cardiovasc Res** 1980 Dec;14(12):681-91

Myocardial bridges and ischemic heart disease. Rossi L, et al. **Eur Heart J** 1980 Aug;1(4):239-45

ANKLE

Osteoid osteoma of the ankle in an athlete. Apple DF Jr, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):254-5

The relationship of tarsal coalitions to ankle sprains in athletes. Snyder RB, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):313-7

Comparison of reactive hyperemia and treadmill tests in the evaluation of peripheral vascular disease. Keagy BA, et al. **Am J Surg** 1981 Jul;142(1):158-61

The management of soft tissue ankle injuries. Crean D. **Br J Sports Med** 1981 Mar;15(1):75-6

Traumatic osteochondral lesions of the talus. Israeli A, et al. **Br J Sports Med** 1981 Sep;15(3):159-62

Injuries in professional footballers. Muckle DS. **Br J Sports Med** 1981 Mar;15(1):77-9

[Transmalleolar fixation suture for treatment of peroneal tendon dislocations (author's transl)] Hundemer W. **Unfallheilkunde** 1981 Jun;84(6):237-9 (Eng. Abstr.) **(Ger)**

ANKLE JOINT

Hot-air ballooning injuries. Marcus NA, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):318-21

The management of soft tissue ankle injuries. Crean D. **Br J Sports Med** 1981 Mar;15(1):75-6

Overall principle of lower limb support during stance phase of gait. Winter DA. **J Biomech** 1980;13(11):923-7

Position sense following joint injury. Glencross D, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):23-7

[Experiences and results of replacement of the fibulo-talar ligaments in relatively old ankle-joint traumas (author's transl)] Nizard M, et al. **Aktuel Traumatol** 1981 Jun;11(3):103-7 (Eng. Abstr.) **(Ger)**

ANTERIOR COMPARTMENT SYNDROME

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

ANTIDEPRESSIVE AGENTS

Effects of antidepressants in the rat forced swimming test. Kitada Y, et al. **Eur J Pharmacol** 1981 Jun 19;72(2-3):145-52

The effect of drugs on the cardiovascular response to exercise. Powles AC. **Med Sci Sports Exerc** 1981;13(4):252-8 (88 ref.)

AORTIC VALVE INSUFFICIENCY

Quantitative radionuclide angiography in assessment of hemodynamic changes during upright exercise: observations in normal subjects, patient with coronary artery disease and patients with aortic regurgitation. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):239-46

Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):162-7

[Hemodynamic assessment of patients with aortic or mitral valve replacement during exercise (author's transl)] Kraus F, et al. **Herz** 1981 Jun;6(3):138-47 (Eng. Abstr.) **(Ger)**

[Metabolism of myocardial catecholamines and plasma catecholamine levels in patients with chronic aortic regurgitation (author's transl)] Mäurer W, et al. **Z Kardiol** 1981 Jul;

PHYSICAL FITNESS/SPORTS MEDICINE

AORTIC VALVE INSUFFICIENCY

70(7):540-6 (Eng. Abstr.) (Ger)

AORTIC VALVE STENOSIS

[Hemodynamic assessment of patients with aortic or mitral valve replacement during exercise (author's transl)] Kraus F, et al. **Herz** 1981 Jun;6(3):138-47 (Eng. Abstr.) (Ger)

ARM INJURIES

Karate and karate injuries. McLatchie G. **Br J Sports Med** 1981 Mar;15(1):84-6

ARRHYTHMIA

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

Comparative sensitivity evaluation of AVSEP electrocardiographic monitoring check and Master's double 2 step test in patients with ischemic heart disease and arrhythmias. Fukuda I, et al. **Bull Osaka Med Sch** 1980 Jul;26(1):51-7

Risk stratification with low-level exercise testing 2 weeks after acute myocardial infarction. Weld FM, et al. **Circulation** 1981 Aug;64(2):306-14

Sudden death and physical exertion. Keren G, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):90-3

Storage of biological events by means of a phase locked loop system. von Nettelhorst H, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):43-8

Celtics fever: playoff-induced ventricular arrhythmia [letter] Graboys TB **N Engl J Med** 1981 Aug 20;305(8):467-8

[Relation between HDL cholesterol and ECG findings] Bergert KD, et al. **Z Gesamte Inn Med** 1981 Jul 1;36(13):462-4 (Eng. Abstr.) (Ger)

[Results of electrocardiographic examinations and exercise tests in 18 year old male recruits (author's transl)] Renner F, et al. **Z Kardiol** 1981 Jun;70(6):495-9 (Eng. Abstr.) (Ger)

[Exercise test in women with abnormal ecg (author's transl)] Ghilardi P, et al. **G Ital Cardiol** 1980;10(12):1634-80 (Eng. Abstr.) (Ita)

ARTERIAL OCCLUSIVE DISEASES

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

Arterial blood pressure and the flow in the calf at rest and during reactive hyperemia. Barendsen GJ, et al. **Angiology** 1981 Sep; 32(9):615-23

[Regional hemorheological effects induced by muscular exertion in peripheral obstructive arteriopathy. II.] Perego MA, et al. **Minerva Cardioangiol** 1981 Jul-Aug;29(7-8):575-82 (Eng. Abstr.) (Ita)

ASPIRIN

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

The 100-mile run: preparation, performance, and recovery. A case report. Fred HL. **Am J Sports Med** 1981 Jul-Aug;9(4):258-61

Bronchial exercise and oral challenge procedures. Spector SL, et al. **Bull NY Acad Med** 1981 Sep:57(7):572-81

[Differences in the course of exercise-induced bronchial spasm in pollen asthma and bronchial asthma with aspirin hypersensitivity] Rożniecki J, et al. **Pol Tyg Lek** 1981 Feb 23;36(8):289-92 (Eng. Abstr.) (Pol)

ASTHMA

Inhibition of sulfur dioxide-induced bronchoconstriction by disodium cromoglycate in asthmatic subjects. Sheppard D, et al. **Am Rev Respir Dis** 1981 Sep;124(3):257-9

Relationship of exercise-induced asthma to clinical asthma in childhood. Balfour-Lynn L, et al. **Arch Dis Child** 1981 Jun; 56(6):450-4

The effect of sustained-release aminophylline on exercise-induced asthma. Phillips MJ, et al. **Br J Dis Chest** 1981 Apr; 75(2):181-9

Effect of nifedipine on bronchomotor tone and histamine reactivity in asthma [letter] **Br Med J [Clin Res]** 1981 Sep 19; 283(6294):796

Bronchial exercise and oral challenge procedures. Spector SL, et al. **Bull NY Acad Med** 1981 Sep;57(7):572-81

Exercise-induced asthma in Nepalese children. Bangham CR, et al. **Clin Allergy** 1981 May;11(3):273-80

Venous plasma histamine in exercise- and hyperventilation-induced asthma in man. Barnes PJ, et al. **Clin Sci** 1981 Aug;61(2):159-62

Arterial plasma histamine after exercise in normal individuals an in patients with exercise-induced asthma. Hartley JP, et al. **Clin Sci** 1981 Aug;61(2):151-7

Effects of SO2 plus NaCl aerosol combined with moderate exercise on pulmonary function in asthmatic adolescents. Koenig JQ, et al. **Environ Res** 1981 Aug;25(2):340-8

Effect of (dl) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-di on exercise-induced bronchospasm. Grassi C, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Jul;19(7):297-302

Reanalysis of the refractory period in exertional asthma. Stearns DR, et al. **J Appl Physiol** 1981 Mar;50(3):503-8

Asthma: The yoga perspective. Part I. The somatopsychic imbalance in asthma: towards a holistic therapy. Goyeche JR, et al. **J Asthma Res** 1980 Apr;17(3):111-21

Parents' subjective evaluation of a self-help education-exercise program for asthmatic children and their parents. Selner JC, et al. **J Asthma Res** 1979 Oct;17(1):13-22

Drugs affecting the respiratory system with particular reference to asthma. Anderson SD. **Med Sci Sports Exerc** 1981; 13(4):259-65 (40 ref.)

Effectiveness of terbutaline and theophylline alone and in combination in exercise-induced bronchospasm. Shapiro GG, et al. **Pediatrics** 1981 Apr;67(4):508-13

Use of isovolume flow curves in the detection of exercise-induced bronchospasm. Rodriguez CH, et al. **Respiration** 1981; 41(2):82-9

Maximal oxygen consumption rate in patients with bronchial asthma-the effect of beta 2-adrenoreceptor stimulation. Ingemann-Hansen T, et al. **Scand J Clin Lab Invest** 1980 Apr; 40(2):99-104

Arterial plasma histamine levels at rest, and during and after exercise in patients with asthma: effects of terbutaline aerosol. Anderson SD, et al. **Thorax** 1981 Apr;36(4):259-67

Ketotifen in atopic asthma and exercise-induced asthma. Petheram IS, et al. **Thorax** 1981 Apr;36(4):308-12

[Asthma bronchiale and sport (author's transl)] Cserháti E, et al. **Allerg Immunol (Leipz)** 1981;27(1):40-7 (Eng. Abstr.) (Ger)

[Differences in the course of exercise-induced bronchial spasm in pollen asthma and bronchial asthma with aspirin hypersensitivity] Rożniecki J, et al. **Pol Tyg Lek** 1981 Feb 23;36(8):289-92 (Eng. Abstr.) (Pol)

[Changes in the venous flow of the pulmonary circulation in dependence on altitude and loading in patients with bronchial asthma (author's transl)] Kolesár J, et al. **Bratisl Lek Listy** 1981; 75(4):446-53 (Eng. Abstr.) (Slo)

ASTHMA, EXERCISE-INDUCED

Relationship of exercise-induced asthma to clinical asthma in childhood. Balfour-Lynn L, et al. **Arch Dis Child** 1981 Jun; 56(6):450-4

The effect of sustained-release aminophylline on exercise-induced asthma. Phillips MJ, et al. **Br J Dis Chest** 1981 Apr; 75(2):181-9

Effect of nifedipine on bronchomotor tone and histamine reactivity in asthma [letter] **Br Med J [Clin Res]** 1981 Sep 19; 283(6294):796

Bronchial exercise and oral challenge procedures. Spector SL, et al. **Bull NY Acad Med** 1981 Sep;57(7):572-81

Exercise-induced asthma in Nepalese children. Bangham CR, et al. **Clin Allergy** 1981 May;11(3):273-80

Venous plasma histamine in exercise- and hyperventilation-induced asthma in man. Barnes PJ, et al. **Clin Sci** 1981 Aug;61(2):159-62

Arterial plasma histamine after exercise in normal individuals an in patients with exercise-induced asthma. Hartley JP, et al. **Clin Sci** 1981 Aug;61(2):151-7

Effects of SO2 plus NaCl aerosol combined with moderate exercise on pulmonary function in asthmatic adolescents. Koenig JQ, et al. **Environ Res** 1981 Aug;25(2):340-8

Reanalysis of the refractory period in exertional asthma. Stearns DR, et al. **J Appl Physiol** 1981 Mar;50(3):503-8

Drugs affecting the respiratory system with particular reference to asthma. Anderson SD. **Med Sci Sports Exerc** 1981; 13(4):259-65 (40 ref.)

Effectiveness of terbutaline and theophylline alone and in combination in exercise-induced bronchospasm. Shapiro GG, et al. **Pediatrics** 1981 Apr;67(4):508-13

Use of isovolume flow curves in the detection of exercise-induced bronchospasm. Rodriguez CH, et al. **Respiration** 1981; 41(2):82-9

Maximal oxygen consumption rate in patients with bronchial asthma-the effect of beta 2-adrenoreceptor stimulation. Ingemann-Hansen T, et al. **Scand J Clin Lab Invest** 1980 Apr; 40(2):99-104

Arterial plasma histamine levels at rest, and during and after exercise in patients with asthma: effects of terbutaline aerosol Anderson SD, et al. **Thorax** 1981 Apr;36(4):259-67

Ketotifen in atopic asthma and exercise-induced asthma. Petheram

IS, et al. **Thorax** 1981 Apr;36(4):308-12

[Asthma bronchiale and sport (author's transl)] Cserháti E, et al. **Allerg Immunol (Leipz)** 1981;27(1):40-7 (Eng. Abstr.) **(Ger)**

[Contribution to the classification of the role of E2 prostaglandin S2 in certain bronchospasm situations] Banaudi C, et al. **Minerva Med** 1981 Jun 23;72(25):1623-6 (Eng. Abstr.) **(Ita)**

[Differences in the course of exercise-induced bronchial spasm in pollen asthma and bronchial asthma with aspirin hypersensitivity] Rożniecki J, et al. **Pol Tyg Lek** 1981 Feb 23;36(8):289-92 (Eng. Abstr.) **(Pol)**

ATHLETIC INJURIES

Avulsion injuries of the pelvis and proximal femur. Fernbach SK, et al. **AJR** 1981 Sep;137(3):581-4

Osteoid osteoma of the ankle in an athlete. Apple DF Jr, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):254-5

Bilateral femoral and tibial shaft stress fractures in a runner. Blatz DJ. **Am J Sports Med** 1981 Sep-Oct;9(5):322-5

Use of the air-inflated jacket in football. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):240-3

Performance of an athlete with straight posterior knee instability. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):203-8

Repair of peripheral meniscus tears. A preliminary report. Cassidy RE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):209-14

Cryotherapy and nerve palsy. Drez D, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):256-7

Consecutive indirect patella fractures in an adolescent basketball player. A case report. Hanel DP, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):327-9

Tardy ulnar neuritis in a little league baseball player. Hang YS. **Am J Sports Med** 1981 Jul-Aug;9(4):244-6

Anterolateral rotatory instability of the knee. An analysis of the Ellison procedure. Hanks GA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):225-32

The modification Bristow-Helfet procedure for recurrent anterior shoulder subluxations and dislocations. Hill JA, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):283-7

Stress fracture of the tarsal navicular. More frequent than we realize? Hunter LY. **Am J Sports Med** 1981 Jul-Aug; 9(4):217-9

Stress reactions involving the pars interarticularis in young athletes. Jackson DW, et al. **Am J Sports Med** 1981 Sep-Oct; 9(5):304-12

A surgical procedure for the Osgood-Schlatter lesion. King AG, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):250-3

Stress fracture of the scaphoid waist. A case report. Manzione M, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):268-9

Elbow injury in women's gymnastics. Priest JD, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):288-95

The relationship of tarsal coalitions to ankle sprains in athletes. Snyder RB, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):313-7

Bilateral fractures of the inferior poles of the patellae in a basketball player. Tibone JE, et al. **Am J Sports Med** 1981 Jul-Aug; 9(4):215-6

Lateral roentgenographic projections of the acromioclavicular joint. Waldrop JI, et al. **Am J Sports Med** 1981 Sep-Oct; 9(5):337-41

Intraarticular iliotibial band reconstruction for anterior cruciate ligament insufficiency. Yost JG, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):220-4

Knee ligament injuries induced by skiing. Schaffer DJ. **Ann Emerg Med** 1981 Sep;10(9):472-5

Bowler's thumb. Moidel RA. **Arthritis Rheum** 1981 Jul; 24(7):972-3

Soft tissue injury rehabilitation: isokinetics, a new concept. Keniham MA, et al. **Aust Fam Physician** 1981 Jul; 10(7 Suppl):17-20

Acute soft tissue injuries: nature and management. Oakes BW. **Aust Fam Physician** 1981 Jul;10(7 Suppl):3-16

Skiing injuries. Pope MH, et al. **Biomater Med Devices Artif Organs** 1981;9(1):1-13

Medical aspects of sports injuries. Adams ID. **Br J Sports Med** 1981 Mar;15(1):49-50

The treatment of sports injuries by local injection. Bentley S. **Br J Sports Med** 1981 Mar;15(1):71-4

Cervical injury in rugby football--a New Zealand survey. Burry HC, et al. **Br J Sports Med** 1981 Mar;15(1):56-9

The management of soft tissue ankle injuries. Crean D. **Br J Sports Med** 1981 Mar;15(1):75-6

Sports injuries and society. Davies JE. **Br J Sports Med** 1981 Mar; 15(1):80-3

The injuries service at the Crystal Palace. Grisogono V. **Br J Sports Med** 1981 Mar;15(1):39-43

Trampoline training injuries--one hundred and ninety-five cases. Hammer A, et al. **Br J Sports Med** 1981 Sep;15(3):151-8

Avulsion fracture of the medical epicondyle of the elbow in a young javelin thrower. Haw DW. **Br J Sports Med** 1981 Mar; 15(1):47

Post traumatic ligamentous instability of the wrist. Israeli A, et al. **Br J Sports Med** 1981 Mar;15(1):17-9

Traumatic osteochondral lesions of the talus. Israeli A, et al. **Br J Sports Med** 1981 Sep;15(3):159-62

Financing a sports injuries service. King JB. **Br J Sports Med** 1981 Mar;15(1):46

Karate and karate injuries. McLatchie G. **Br J Sports Med** 1981 Mar;15(1):84-6

Common injuries among Nigerian games players. Mathur DN, et al. **Br J Sports Med** 1981 Jun;15(2):129-32

Injuries in professional footballers. Muckle DS. **Br J Sports Med** 1981 Mar;15(1):77-9

Half a million hours of rugby football. The injuries. Sparks JP. **Br J Sports Med** 1981 Mar;15(1):30-2

Association football injuries to the brain. A preliminary report. Tysvaer A, et al. **Br J Sports Med** 1981 Sep;15(3):163-6

Immediate management of injuries. Walkden L. **Br J Sports Med** 1981 Mar;15(1):68-70

General practitioner to a football club. Carne S. **Br Med J [Clin Res]** 1981 Sep 19;283(6294):766-7

Eye injuries in racquet sports: a continuing problem [letter] Easterbrook M. **Can Med Assoc J** 1980 Aug 23;123(4):268-9

Injuries in rugby [letter] Green BJ. **Can Med Assoc J** 1980 Sep 6;123(5):348

Football head and neck injuries--an update. Maroon JC, et al. **Clin Neurosurg** 1980;27:414-29 (34 ref.)

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

Cavus foot in runners. Lutter LD. **Foot Ankle** 1981 Jan; 1(4):225-8

Foot-related knee problems in the long distance runner. Lutter LD. **Foot Ankle** 1980 Sep;1(2):112-6

Running symposium. Mann RA, et al. **Foot Ankle** 1981 Jan; 1(4):190-224

A disabling sports injury of the great toe. Mullis DL, et al. **Foot Ankle** 1980 Jul;1(1):22-5

Football injuries in Hawaii 1979. Hale RW, et al. **Hawaii Med J** 1981;40(7):180-2

Horse injuries. Edixhoven P, et al. **Injury** 1981 Jan; 12(4):279-82

Podiatric sports medicine: runner's knee examination form. Blake RL, et al. **J Am Podiatry Assoc** 1981 Jul;71(7):397-403

Pediatric review: head and neck injuries in the young athlete. Burks AW. **J Arkansas Med Soc** 1981 Jul;78(2):102-5

Design of an actively controlled snow ski release binding. Hull ML, et al. **J Biomech Eng** 1981 Aug;103(3):138-45

Transcutaneous nerve stimulation: its significance and applications in podiatry. Grosack MA, et al. **J Foot Surg** 1981 Fall; 20(3):127-35

Bicycle injuries in children. Subrahmanyam M, et al. **J Indian Med Assoc** 1980 Dec;75(11-12):220-1

Controlled clinical trial with Fentiazac cream in sport microtraumatology. Sinniger M, et al. **J Int Med Res** 1981; 9(4):300-2

Neck injuries in football players. Sherk HH, et al. **J Med Soc NJ** 1981 Aug;78(9):579-83

On the field knee exam for the team physician. Barrett GR. **J Miss State Med Assoc** 1981 Sep;22(9):224-7

Do marathoners differ from joggers in personality profile: a sports psychology approach. Valliant PM, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):62-7

Self-concept and injuries among female high school basketball players. Young ML, et al. **J Sports Med Phys Fitness** 1981 Mar; 21(1):55-61

Reduction of acute anterior shoulder dislocations using the Milch technique: a study of ski injuries. Russell JA, et al. **J Trauma** 1981 Sep;21(9):802-4

Biomechanical evaluation of bilateral tibial spiral fractures during skiing--a case study. Zernicke RF. **Med Sci Sports Exerc** 1981; 13(4):243-5

The role of conservative treatment in blunt ureteral trauma: case report. Kim SW, et al. **Milit Med** 1981 Jul;146(7):516-7, 520

Cervical spine injuries resulting from collision sports. Kewalramani LS, et al. **Paraplegia** 1981;19(5):303-12

Cervical injury in the rugby scrum [letter] de Plessis MP. **S Afr Med J** 1981 Sep 12;60(11):410

Avulsion of the insertion of the pectoralis major muscle. A case report. Mackenzie DB. **S Afr Med J** 1981 Jul 25;60(4):147-8

Fenbufen in the treatment of over-use injuries in long-distance runners. Noble C. **S Afr Med J** 1981 Sep 5;60(10):387-8

Significance of lumbar spondylolysis in college football players. Semon RL, et al. **Spine** 1981 Mar-Apr;6(2):172-4

Advances in sports medicine. Prevention of head and neck injuries in football. Reid SE, et al. **Surg Annu** 1981;13:251-70 (32 ref.)

Pneumomediastinum as a complication of athletic competition. Morgan EJ, et al. **Thorax** 1981 Feb;36(2):155-6

Retinal breaks caused by blunt nonperforating trauma at the point of impact. Cox MS. **Trans Am Ophthalmol Soc** 1980; 78:414-66

[Disorders of the shoulder joint in athletes] Novak J, et al. **Fysiatr Reumatol Vestn** 1981 Jun;59(3):126-9 (Eng. Abstr.) **(Cze)**

PHYSICAL FITNESS/SPORTS MEDICINE

ATHLETIC INJURIES

[Hydraulic fractures of the orbit in children] Anton M, et al. **Rozhl Chir** 1980 Jul;59(7):460-5 (Eng. Abstr.) **(Cze)**

[Acute abdomen after jumping into water] Vlček J. **Rozhl Chir** 1981 Jun;60(6):408-10 (Eng. Abstr.) **(Cze)**

[Patterns of injuries in Danish division soccer] Jørgensen U. **Ugeskr Laeger** 1981;143(34):2185-8 (Eng. Abstr.) **(Dan)**

[Mountain hypothermia: current therapeutic measures (author's transl)] Foray J, et al. **Chirurgie** 1981;107(4):305-10 (Eng. Abstr.) **(Fre)**

[Distinctive nature of mountain sport maxillo-facial injuries (author's transl)] Lebeau J, et al. **Rev Stomatol Chir Maxillofac** 1981;82(3):164-6 (Eng. Abstr.) **(Fre)**

[Electroneurographic findings in cyclist's palsy (author's transl)] Krause KH, et al. **EEG EMG** 1981 Jun;12(2):90-3 (Eng. Abstr.) **(Ger)**

[Spinal lesions following modified exercises in adolescent high performance gymnasts] Falter EW, et al. **Fortschr Med** 1981 Feb 5;99(5):145-8 (Eng. Abstr.) **(Ger)**

[Skier's thumb (author's transl)] Gerber C, et al. **Unfallheilkunde** 1981 Jun;84(6):224-8 (Eng. Abstr.) **(Ger)**

[Transmalleolar fixation suture for treatment of peroneal tendon dislocations (author's transl)] Hundemer W. **Unfallheilkunde** 1981 Jun;84(6):237-9 (Eng. Abstr.) **(Ger)**

[Treatment of the medial, anterior dislocation of clavicula (author's transl)] Jókai I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1980;23(2):118-22 (Eng. Abstr.) **(Hun)**

[Epiphyseolysis as a result of tear on the upper tibia (author's transl)] Jókai I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1981;24(1):28-32 (Eng. Abstr.) **(Hun)**

[Tendon injuries in sport activities] Mironova ZS, et al. **Ortop Travmatol Protez** 1981 Jan;(1):22-6 (Eng. Abstr.) **(Rus)**

[Experience in preventing posttraumatic arthrosis deformans of the knee in athletes] Zavesa PZ, et al. **Ortop Travmatol Protez** 1981 Jun;(6):26-8 (Eng. Abstr.) **(Rus)**

ATROPINE

Responses for smooth-muscle strips from the ileo-caecal region to transmural electrical stimulation. Papasova M, et al. **Acta Physiol Pharmacol Bulg** 1981;6(3):3-10

Prejunctional inhibition of norepinephrine release caused by acetylcholine in the human saphenous vein. Rorie DK, et al. **Circ Res** 1981 Aug;49(2):337-41

Nervous modulation of spontaneous contractions in bovine mesenteric lymphatics. McHale NG, et al. **J Physiol (Lond)** 1980 Dec;309:461-72

AURICULAR FIBRILLATION

[Clinical relevance of steady-state conditions and heart rate increase during exercise in the detection of pathologic hemodynamics in patients with prosthetic aortic or mitral valve (author's transl)] Kraus F, et al. **Herz** 1981 Aug;6(4):237-46 (Eng. Abstr.) **(Ger)**

[Differentiated pacemaker therapy] Kappenberger L, et al. **Schweiz Med Wochenschr** 1981 Jan 10;111(2):45-8 (Eng. Abstr.) **(Ger)**

BACK

[Electromyographic study of trapezius (middle portion) and rhomboideus major muscles submitted to an isometric tension (author's transl)] de Freitas V, et al. **Anat Anz** 1981; 149(2):176-84 (Eng. Abstr.) **(Fre)**

BASAL METABOLISM

Obesity: is obesity metabolic? Jung RT, et al. **Br J Hosp Med** 1980 Dec;24(6):503-9

BASEBALL

Cryotherapy and nerve palsy. Drez D, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):256-7

Tardy ulnar neuritis in a little league baseball player. Hang YS. **Am J Sports Med** 1981 Jul-Aug;9(4):244-6

Biochemical variability in a tem sports situation. Biersner RJ, et al. **J Human Stress** 1981 Sep;7(3):12-7

Retinal breaks caused by blunt nonperforating trauma at the point of impact. Cox MS. **Trans Am Ophthalmol Soc** 1980; 78:414-56

BIOMECHANICS

Comparison of Müller total hip replacement with and without trochanteric osteotomy. Kinesiologic measurements of 82 cases 2 years after surgery. Murray MP, et al. **Acta Orthop Scand** 1981 Jun;52(3):345-52

The effect of smooth muscle activation on the mechanical properties of pig carotid arteries. Hudetz AG, et al. **Acta Physiol Acad Sci Hung** 1980;56(3):263-73

Influence of resistance, speed of movement, and forearm position on recruitment of the elbow flexors. Stewart OJ, et al. **Am J Phys Med** 1981 Aug;60(4):165-79

Perturbation measurements of papillary muscle elasticity. Brady AJ, et al. **Am J Physiol** 1981 Aug;241(2):H155-73

Performance of an athlete with straight posterior knee instability. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):203-8

Kinesiology. I. The semantics and application of forces involved in the human body in motion. Miller WE. **Am J Sports Med** 1981 Sep-Oct;9(5):342-4

Tremor. Findley LJ, et al. **Br J Hosp Med** 1981 Jul; 26(1):16-32

Trampoline training injuries--one hundred and ninety-five cases. Hammer A, et al. **Br J Sports Med** 1981 Sep;15(3):151-8

Biomechanical analysis of sprinting: decathletes versus champions. Kunz H, et al. **Br J Sports Med** 1981 Sep;15(3):177-81

Studies of muscular performance in normal and dystrophic subjects. Edwards RH. **Br Med Bull** 1980 May;36(2):159-64 (59 ref.)

Electrophysiological studies of gait in spasticity and rigidity. Evidence that altered mechanical properties of muscle contribute to hypertonia. Dietz V, et al. **Brain** 1981 Sep;104(3):431-49

Nonarticular osteochondroses. Katz JF. **Clin Orthop** 1981 Jul-Aug; (158):70-6

Hallux valgus--etiology, anatomy, treatment and surgical considerations. Mann RA, et al. **Clin Orthop** 1981;(157):31-41

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

Electromyographic study of the trapezius (pars media) and rhomboideus major muscles in movements of the arm (part 2). De Freitas V, et al. **Electromyogr Clin Neurophysiol** 1981 Jun-Aug;21(5):479-85

Function of the quadriceps femoris muscle under the full range of forces and differing contraction velocities of concentric work. Eloranta V, et al. **Electromyogr Clin Neurophysiol** 1981 Apr-May;21(4):419-31

dT-dL analysis of the loading effect on surface electromyogram. Ohkoshi K, et al. **Electromyogr Clin Neurophysiol** 1981 Jun-Aug; 21(5):449-67

Errors in the use of isokinetic dynamometers. Winter DA, et al. **Eur J Applied Physiol** 1981;46(4):397-408

Norepinephrine produces tension through electromechanical coupling in rabbit ear artery. Trapani A, et al. **Eur J Pharmacol** 1981 Jun 10;72(1):87-91

Cavus foot in runners. Lutter LD. **Foot Ankle** 1981 Jan; 1(4):225-8

Foot-related knee problems in the long distance runner. Lutter LD. **Foot Ankle** 1980 Sep;1(2):112-6

Running symposium. Mann RA, et al. **Foot Ankle** 1981 Jan; 1(4):190-224

Pulmonary mechanisms and work of breathing at maximal ventilation and raised air pressure. Hesser CM, et al. **J Appl Physiol** 1981 Apr;50(4):747-53

Stress-strain relation of cardiac muscle determined from ventricular pressure-time relationships during isovolumic contractions. Abé H, et al. **J Biomech** 1981;14(5):357-60

Dynamics of the pole vault. Hubbard M. **J Biomech** 1980; 13(11):965-76

A simple analytical model for the crawl stroke. Martin RB, et al. **J Biomech** 1981;14(8):539-48

An evaluation of the approaches of optimization models in the prediction of muscle forces during human gait. Patriarco AG, et al. **J Biomech** 1981;14(8):513-25

The influence of temperature initial length and electrical activity on the force-velocity relationship of the medial gastrocnemius muscle of the cat. Petrofsky JS, et al. **J Biomech** 1981; 14(5):297-306

Optimal running on skis in downhill. Remizov LP. **J Biomech** 1980; 13(11):941-5

Overall principle of lower limb support during stance phase of gait. Winter DA. **J Biomech** 1980;13(11):923-7

Tethered swimming forces in the crawl, breast and back strokes and their relationship to competitive performance. Yeater RA, et al. **J Biomech** 1981;14(8):527-37

Design of an actively controlled snow ski release binding. Hull ML, et al. **J Biomech Eng** 1981 Aug;103(3):138-45

The effects of exercise on the biomechanical and biochemical properties of swine digital flexor tendons. Woo SL, et al. **J Biomech Eng** 1981 Feb;103(1):51-6

Confirmation of differential loading of lateral and central fibers of the extensor tendon. Micks JE, et al. **J Hand Surg** 1981 Sep; 6(5):462-7

Comparison of stiffness of soleus and medial gastrocnemius muscles in cats. Walmsley B, et al. **J Neurophysiol** 1981 Aug; 46(2):250-9

Stuttering: in need of a unifying conceptual framework. Zimmermann GN, et al. **J Speech Hear Res** 1981 Mar; 24(1):25-31

PHYSICAL FITNESS/SPORTS MEDICINE

A biomechanical study of the triple jump. Fukashiro S, et al. **Med Sci Sports Exerc** 1981;13(4):233-7

Skiing research in Japan. Watanabe K. **Med Sci Sports Exerc** 1981; 13(3).205-9

Biomechanical evaluation of bilateral tibial spiral fractures during skiing--a case study. Zernicke RF. **Med Sci Sports Exerc** 1981; 13(4):243-5

Quantitative analysis of microstructural components of human cerebral arteries. Moritake K, et al. **Neurol Res** 1981; 3(1):67-82

Basis of segmental motor control: motoneuron size or motor unit type? Sypert GW, et al. **Neurosurgery** 1981 May;8(5):608-21 (89 ref.)

The effect of hypoxia on mechanical and electrical properties of smooth muscle from the rat portal vein. Sigurdsson SB, et al. **Pflugers Arch** 1981 Jul;391(1):44-8

Experimental production of pressure sores [letter] Lowthian P. **Plast Reconstr Surg** 1981 Aug;68(2):263-4

Biomechanical effects of fatigue on 10,000 meter running technique. Elliot B, et al. **Res Q Exerc Sport** 1981 May;52(2):160-6

Isometric and isokinetic quadriceps muscle strength in 70-year-old men and women. Aniansson A, et al. **Scand J Rehabil Med** 1980; 12(4):161-8

Measurement of strength of hip joint muscles. Markhede G, et al. **Scand J Rehabil Med** 1980;12(4):169-74

The mechanism of the lumbar spine. Gracovetsky S, et al. **Spine** 1981 May-Jun;6(3):249-62

Advances in sports medicine. Prevention of head and neck injuries in football. Reid SE, et al. **Surg Annu** 1981;13:251-70 (32 ref.)

Deformation in tendon collagen. Kastelic J, et al. **Symp Soc Exp Biol** 1980;34:397-435

[A mechanical carrier for the functional load of the mandible (author's transl)] Junier N, et al. **Rev Stomatol Chir Maxillofac** 1981;82(4):265-72 (Eng. Abstr.) **(Fre)**

[Experiences and results of replacement of the fibulo-talar ligaments in relatively old ankle-joint traumas (author's transl)] Nizard M, et al. **Aktuel Traumatol** 1981 Jun;11(3):103-7 (Eng. Abstr.) **(Ger)**

[Internal mechanics of the musculature, theoretical study of normal and atrophic muscles (author's transl)] Staudte HW. **Z Orthop** 1981 Jun;119(3):266-76 (Eng. Abstr.) **(Ger)**

[Biomechanical study of human cerebral arteries (author's transl)] Nagasawa S. **Nippon Geka Hokan** 1980 Sep 1;49(5):620-36 (Eng. Abstr.) **(Jpn)**

[Decussations in the human muscular system] Petrova RM, et al. **Arkh Anat Gistol Embriol** 1981 Apr;80(4):32-8 (Eng. Abstr.) **(Rus)**

BLOOD GAS ANALYSIS

Arterial blood gas standards for healthy young nonsmoking subjects. Andrews JL Jr, et al. **Am J Clin Pathol** 1981 Jun; 75(6):773-80

[Cardiorespiratory function in young bronchitis patients, mostly mineworkers, before and after kinesitherapy and exertion training. Comparison with a control group (Preliminary results)] Marcq M, et al. **Rev Inst Hyg Mines (Hasselt)** 1981; 36(1):5-31 (Eng. Abstr.) **(Dut, Fre)**

BLOOD PRESSURE

The prevalence of coronary risk factors in children--a review. Armstrong N, et al. **Acta Paediatr Belg** 1980 Oct-Dec; 33(4):209-17 (92 ref.)

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

Effect of propranolol on postexercise left ventricular ejection time index. Boudoulas H, et al. **Am J Cardiol** 1981 Aug; 48(2):357-60

Pressure-volume overload hypothesis: can it be supported? [letter] Lamont LS. **Am J Cardiol** 1981 Aug;48(2):390-1

Myocardial mechanical alterations during gradual onset long-term hypertension in rats. Capasso JM, et al. **Am J Physiol** 1981 Sep; 241(3):H435-41

Comparison of reactive hyperemia and treadmill tests in the evaluation of peripheral vascular disease. Keagy BA, et al. **Am J Surg** 1981 Jul;142(1):158-61

Arterial blood pressure and the flow in the calf at rest and during reactive hyperemia. Barendsen GJ, et al. **Angiology** 1981 Sep; 32(9):615-23

Identifying borderline hypertensives: comparative value of various blood pressure measurements. Hull DH, et al. **Aviat Space Environ Med** 1981 Jul;52(7):399-403

Effects of chronic beta-blockade on intra-arterial blood pressure during motor car driving. Millar-Craig MW, et al. **Br Heart J** 1981 Jun;45(6):643-8

Effect of nifedipine on bronchomotor tone and histamine reactivity in asthma [letter] **Br Med J [Clin Res]** 1981 Sep 19; 283(6294):796

Role of the renin-angiotensin and of the adrenergic system in the blood pressure regulation at exercise in normotensive subjects and in hypertensive patients. Amery A, et al. **Cardiology** 1981; 68(2):103-17

Physical training program in arterial hypertension. A long-term prospective follow-up. Román O, et al. **Cardiology** 1981; 67(4):230-43

Femoral vein pressure measurements for evaluation of venous function in patients with postthrombotic iliac veins. Albrechtsson U, et al. **Cardiovasc Intervent Radiol** 1981 Feb;4(1):43-50

Noninvasive assessment of changes in left ventricular function induced by graded isometric exercise in healthy subjects. Ehsani AA, et al. **Chest** 1981 Jul;80(1):51-5

The prolonged effect of pentaerythritol tetranitrate on exercise capacity in stable effort angina pectoris. Giles TD, et al. **Chest** 1981 Aug;80(2):142-5

Differentiation of false- from true-positive ECG responses to exercise stress by thallium 201 perfusion imaging. Guiney TE, et al. **Chest** 1981 Jul;80(1):4-10

Respiratory alkalemia during exercise reduces angina threshold. Neill WA, et al. **Chest** 1981 Aug;80(2):149-53

A comparison of coarctation resection and patch angioplasty using postexercise blood pressure measurements. Connor TM, et al. **Circulation** 1981 Sep;64(3):567-72

Comprehensive analysis of exertional ECG changes before and after oral propranolol. Hossack KF, et al. **Clin Cardiol** 1979 Aug; 2(4):272-80

Effects of exercise on plasma viscosity in athletes and sedentary normal subjects. Letcher RL, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):172-9

Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):162-7

Effects of clonidine on aortic pressure-diameter and elastic stiffness-stress relations in anaesthetized rabbits. Friggi A, et al. **Clin Sci** 1981 Sep;61(3):273-9

Factors associated with the initial blood pressure level and with the subsequent blood pressure increase in a longitudinal population study. The study of men born in 1913. Svärdsudd K, et al. **Eur Heart J** 1980 Oct;1(5):345-54

Haemodynamic and metabolic effects of combined adrenergic alpha- and beta-receptor blockade with labetalol in the exercising human forearm. Hartling OJ, et al. **Eur J Clin Invest** 1980 Dec;10(6):431-5

Arterial compliance, systolic pressure and heart rate in elderly women at rest and on exercise. Sebban C, et al. **Gerontology** 1981;27(5):271-80

Hydralazine: effect on contraction mechanics of WKY and SHR rat heart muscle. Michael LH, et al. **Hypertension** 1981 May-Jun; 3(3):356-61

Exercise training hypotension: implications for plasma volume, renin, and vasopressin. Greenleaf JE, et al. **J Appl Physiol** 1981 Aug;51(2):298-305

Reduced norepinephrine response to dynamic exercise in human subjects during O2 breathing. Hesse B, et al. **J Appl Physiol** 1981 Jul;51(1):176-8

Cardiac function in hypertrophied hearts from chronically exercised female rats. Schaible TF, et al. **J Appl Physiol** 1981 Jun;50(6):1140-5

Interactions between fatiguing and nonfatiguing isometric contractions. Stafford DE, et al. **J Appl Physiol** 1981 Aug; 51(2):399-404

Cardiorespiratory and metabolic responses to treadmill exercise in the horse. Thomas DP, et al. **J Appl Physiol** 1981 Apr; 50(4):864-8

Effects of vanadate on heart and circulation. Borchard U, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):510-21

Therapy of angina pectoris with low-dose perhexiline. Horgan JH, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):566-72

Effects of oxprenolol on the intra-arterial blood pressure response to dynamic exercise in hypertensive men. Millar-Craig MW, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):468-76

Blood pressure response to dynamic exercise in healthy children--black vs white. Alpert BS, et al. **J Pediatr** 1981 Oct; 99(4):556-60

Sudden death and physical exertion. Keren G, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):90-3

Ambulatory blood-pressure [letter] **Lancet** 1981 Sep 12; 2(8246):587-8

Ambulatory blood pressure [letter] Pickering T, et al. **Lancet** 1981 Aug 22;2(8243):416-7

Cardiovascular and metabolic responses to isometric exercise of athletes and non-athletes. Rajikin MH. **Med J Malaysia** 1980 Sep;35(1):46-52

Exercise after sleep deprivation. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(4):220-3

The effect of drugs on the cardiovascular response to exercise. Powles AC. **Med Sci Sports Exerc** 1981;13(4):252-8 (88 ref.)

PHYSICAL FITNESS/SPORTS MEDICINE

BLOOD PRESSURE

Support responses of the cardiovascular system to exercise. Part I. Littell EH. **Phys Ther** 1981 Sep;61(9):1260-4

Neural regulation of cardiovascular response to exercise: Part II. Littell EH. **Phys Ther** 1981 Oct;61(10):1411-8

Cardiovascular differentiation of happiness, sadness, anger, and fear following imagery and exercise. Schwartz GE, et al. **Psychosom Med** 1981 Aug;43(4):343-64

Pre-operative exercise testing in patients suspected of arteriosclerotic heart disease: methods, risks and reproducibility. Bille-Brahe NE, et al. **Scand J Clin Lab Invest** 1981 Feb; 41(1):21-7

The effect of repeated supine exercise on exercise tolerance and left ventricular pump function in patients with angina pectoris. Carlens P. **Scand J Clin Lab Invest** 1980 Apr;40(2):105-14

Maximal oxygen consumption rate in patients with bronchial asthma-the effect of beta 2-adrenoreceptor stimulation. Ingemann-Hansen T, et al. **Scand J Clin Lab Invest** 1980 Apr; 40(2):99-104

Physical activity and coronary heart disease. Clark RS, et al. **Scott Med J** 1981 Jan;26(1):15-20 (42 ref.)

[Effect of dynamic exercise on left ventricular hemodynamics in obstructive cardiomyopathy] Grbic M, et al. **Schweiz Med Wochenschr** 1980 Nov 8;110(45):1692-6 (Eng. Abstr.) **(Fre)**

[Decreasing blood pressure in essential hypertension with physical training] Priebe U, et al. **Cor Vasa** 1981;23(3):172-81 (Eng. Abstr.) **(Ger)**

[Clinical relevance of steady-state conditions and heart rate increase during exercise in the detection of pathologic hemodynamics in patients with prosthetic aortic or mitral valve (author's transl)] Kraus F, et al. **Herz** 1981 Aug;6(4):237-46 (Eng. Abstr.) **(Ger)**

[Sport exertion tolerance in childhood and adolescence] Bringmann W. **Kinderaerztl Prax** 1981 Apr;49(4):184-92 (13 ref.) (Eng. Abstr.) **(Ger)**

[Industrial physiology aspects of the cardiovascular reaction in static muscle work] Kramer H, et al. **Z Gesamte Hyg** 1981; 27(1):34-8 (Eng. Abstr.) **(Ger)**

[Heart rate and blood pressure under psychological and physical laboratory stress in young hypertensive patients following long-term therapy with the beta receptor blocker propranolol] Pietruschka WD, et al. **Z Gesamte Inn Med** 1981 Mar 15; 36(6):218-22 (Eng. Abstr.) **(Ger)**

[Results of electrocardiographic examinations and exercise tests in 18 year old male recruits (author's transl)] Renner F, et al. **Z Kardiol** 1981 Jun;70(6):495-9 (Eng. Abstr.) **(Ger)**

[Rheographic evaluation of peripheral blood flow during isometric exercise] Cifaldi S, et al. **Boll Soc Ital Biol Sper** 1980 Feb 29; 56(4):369-75 (Eng. Abstr.) **(Ita)**

[Exercise effect on the intraocular pressure: I. Intraocular pressure changes during exercise in eyes without glaucoma (author's transl)] Ogielska E, et al. **Klin Oczna** 1981 Jan;83(1):13-4 (Eng. Abstr.) **(Pol)**

[Arterial blood pressure in obese children after exertion] Mazur B, et al. **Pol Tyg Lek** 1981 Mar 16;36(11):405-8 (Eng. Abstr.) **(Pol)**

[Cardiorespiratory system state in renovascular hypertension dynamics after surgical treatment and physical rehabilitation] Kniazeva TA, et al. **Kardiologiia** 1981;21(7):87-92 (Eng. Abstr.) **(Rus)**

[Combined use of psychological and physical loading tests in the diagnosis of ischemic heart disease] Kvantaliani TG, et al. **Kardiologiia** 1981 Jun;21(6):68-71 (Eng. Abstr.) **(Rus)**

[Restructuring of the endocrine function of the kidney in hypertension] Nekrasova AA. **Kardiologiia** 1981;21(7):13-20 (Eng. Abstr.) **(Rus)**

[Physical work capacity in isometric and dynamic regimens in patients with stenocardia and cardiac-type neurocirculatory dystonia] Volkov VS, et al. **Kardiologiia** 1981 Apr;21(4):26-9 (Eng. Abstr.) **(Rus)**

[Supplementary criteria of a cerebral hemodynamic disorder limiting physical loading in hypertension patients] Vinnitskii AR, et al. **Vrach Delo** 1981 May;(5):63-7 (Eng. Abstr.) **(Rus)**

BLOOD PRESSURE DETERMINATION

Identifying borderline hypertensives: comparative value of various blood pressure measurements. Hull DH, et al. **Aviat Space Environ Med** 1981 Jul;52(7):399-403

The modified sphygmomanometer-an instrument to measure muscle strength: a validation study. Helewa A, et al. **J Chronic Dis** 1981;34(7):353-61

Ambulatory blood-pressure [letter] **Lancet** 1981 Sep 12; 2(8246):587-8

Ambulatory blood pressure [letter] Pickering T, et al. **Lancet** 1981 Aug 22;2(8243):416-7

[Physical strain during tocolysis of premature labour (author's transl)] Steyer M, et al. **Z Geburtshife Perinatol** 1981 Apr; 185(2):89-93 (Eng. Abstr.) **(Ger)**

BODY COMPOSITION

Effects of antiorthostatic bedrest on the cardiorespiratory responses to exercise. Convertino VA, et al. **Aviat Space Environ Med** 1981 Apr;52(4):251-5

Sleep and the athlete. Shapiro CM. **Br J Sports Med** 1981 Mar; 15(1):51-5

Effects of methandienone on the performance and body composition of men undergoing athletic training. Hervey GR, et al. **Clin Sci** 1981 Apr;60(4):457-61

The effect of a very-low-calorie diet with and without chronic exercise on thyroid and sex hormones, plasma proteins, oxygen uptake, insulin and c peptide concentrations in obese women. Krotkiewski M, et al. **Int J Obes** 1981;5(3):287-93

Selected physiological characteristics of elite male sprint athletes. Barnes WS. **J Sports Med Phys Fitness** 1981 Mar;21(1):49-54

Specificity of training: selective aspects of running. Perez HR. **J Sports Med Phys Fitness** 1981 Mar;21(1):68-73

Marathon performance in relation to maximal aerobic power and training indices. Hagan RD, et al. **Med Sci Sports Exerc** 1981; 13(3):185-9

Comparison of hydrostatic weighing at residual volume and total lung capacity. Weltman A, et al. **Med Sci Sports Exerc** 1981; 13(3):210-3

High density lipoprotein cholesterol and body composition of female runners. Rotkis T, et al. **Metabolism** 1981 Oct; 30(10):994-5

Physical characteristics and oxygen utilization of male and female marathon runners. Wells CL, et al. **Res Q Exerc Sport** 1981 May; 52(2):281-5

BODY HEIGHT

Chronological and biological age as related to physical fitness in boys 12 to 19 years. Beunen G, et al. **Ann Hum Biol** 1981 Jul; 8(4):321-31

Strength comparisons in untrained men and trained women athletes. Morrow JR Jr, et al. **Med Sci Sports Exerc** 1981;13(3):194-7

Longitudinal study of aerobic power in superior junior athletes. Murase Y, et al. **Med Sci Sports Exerc** 1981;13(3):180-4

Isometric and isokinetic quadriceps muscle strength in 70-year-old men and women. Aniansson A, et al. **Scand J Rehabil Med** 1980; 12(4):161-8

BODY TEMPERATURE

Scuba diving hazards: health counseling. Josephson S. **Am J Nurs** 1981 Aug;81(8):1458-61

Studies of muscular performance in normal and dystrophic subjects. Edwards RH. **Br Med Bull** 1980 May;36(2):159-64 (59 ref.)

Clinical chronopharmacology of ACTH-1 - 17. III. Effects on fatigue, oral temperature, heart rate, grip strength and bronchial patency. Reinberg A, et al. **Chronobiologia** 1981 Apr-Jun; 8(2):101-15

Efficiency of increased energy expenditure during adaptation to heat. Novozhilov GN. **Hum Physiol** 1980 Nov-Dec; 6(6):397-400

Effect of acclimatization to heat on the regulation of sweating during moderate and severe exercise. Davies CT. **J Appl Physiol** 1981 Apr;50(4):741-6

Effect of low-potassium diet on rat exercise hyperthermia and heatstroke mortality. Hubbard RW, et al. **J Appl Physiol** 1981 Jul;51(1):8-13

Effect of upright exercise on threshold for cutaneous vasodilation and sweating. Johnson JM, et al. **J Appl Physiol** 1981 Apr; 50(4):814-8

Brain temperatures in running quail. Kilgore DL Jr, et al. **J Appl Physiol** 1981 Jun;50(6):1277-81

Hyperthermia in running sled dogs. Phillips CJ, et al. **J Appl Physiol** 1981 Jul;51(1):135-42

Effect of a precooling maneuver on body temperature and exercise performance. Schmidt V, et al. **J Appl Physiol** 1981 Apr; 50(4):772-8

Biochemical and physiological changes in football players. Pohl AP, et al. **Med J Aust** 1981 May 2;1(9):467-70

Sensory cues for perceived exertion: a review. Mihevic PM. **Med Sci Sports Exerc** 1981;13(3):150-63 (65 ref.)

[Regulation of extracellular acid-base balance in animals (author's transl)] Truchot JP. **J Physiol (Paris)** 1981;77(4-5):529-80 (397 ref.) (Eng. Abstr.) **(Fre)**

BODY TEMPERATURE REGULATION

Thermal and glycemic responses during mild exercise in +5 to -15 degrees C environments following alcohol ingestion. Graham TE. **Aviat Space Environ Med** 1981 Sep;52(9):517-22

Chronic chlorpromazine administration in rats: effects on ability to work in the heat. Francesconi R, et al. **J Appl Physiol** 1981 Mar;50(3):509-12

Brain temperatures in running quail. Kilgore DL Jr, et al.

J Appl Physiol 1981 Jun;50(6):1277-81
Effect of a precooling maneuver on body temperature and exercise performance. Schmidt V, et al. **J Appl Physiol** 1981 Apr; 50(4):772-8
Effect of sweating [letter] Dean W. **JAMA** 1981 Aug 7; 246(6):623
Panting in dogs: paths of air flow in response to heat and exercise. Goldberg MB, et al. **Respir Physiol** 1981 Mar;43(3):327-38
Circulatory and temperature regulatory responses to exercise in a warm environment in insulin-dependent diabetics. Fortney SM, et al. **Yale J Biol Med** 1981 Mar-Apr;54(2):101-9
[Economy of muscle work in an unfused tetanus setup] Gurfinkel' VS, et al. **Biofizika** 1981 Mar-Apr;26(2):371-3 (Eng. Abstr.) **(Rus)**

BODY WEIGHT

The 'metabolically-obese,' normal-weight individual. Ruderman NB, et al. **Am J Clin Nutr** 1981 Aug;34(8):1617-21
Partial prevention of glucocorticoid-induced muscle atrophy by endurance training. Hickson RC, et al. **Am J Physiol** 1981 Sep; 241(3):E226-32
Contractile proteins and sarcoplasmic reticulum in physiologic cardiac hypertrophy. Malhotra A, et al. **Am J Physiol** 1981 Aug; 241(2):H263-7
Immune function in marathon runners. Green RL, et al. **Ann Allergy** 1981 Aug;47(2):73-5
Chronological and biological age as related to physical fitness in boys 12 to 19 years. Beunen G, et al. **Ann Hum Biol** 1981 Jul; 8(4):321-31
How to keep fit and trim. Wilkinson G. **Australas Nurses J** 1981 Apr;10(4):22-4
Effects of antiorthostatic bedrest on the cardiorespiratory responses to exercise. Convertino VA, et al. **Aviat Space Environ Med** 1981 Apr;52(4):251-5
A comparison of three liquid-ventilation cooling garments during treadmill exercise. Webbon B, et al. **Aviat Space Environ Med** 1981 Jul;52(7):408-15
Obesity: is obesity metabolic? Jung RT, et al. **Br J Hosp Med** 1980 Dec;24(6):503-9
Effects of methandienone on the performance and body composition of men undergoing athletic training. Hervey GR, et al. **Clin Sci** 1981 Apr;60(4):457-61
Exercise. Felig P. **Curr Concepts Nutr** 1981;10:165-72
Investigation of insulin sensitivity in early diabetes III. The effect of a combined physical training and diet programme on body weight, serum lipids and insulin sensitivity in obese asymptomatic diabetics. Ratzmann KP, et al. **Endokrinologie** 1981 Apr; 77(2):233-41
Antagonistic effects of endurance training and testosterone on alkaline proteolytic activity in rat skeletal muscles. Dahlmann B, et al. **Eur J Applied Physiol** 1981;46(3):229-35
Effect of low-potassium diet on rat exercise hyperthermia and heatstroke mortality. Hubbard RW, et al. **J Appl Physiol** 1981 Jul;51(1):8-13
Comparison of carbohydrate-containing and carbohydrate-restricted hypocaloric diets in the treatment of obesity. Endurance and metabolic fuel homeostasis during strenuous exercise. Bogardus C, et al. **J Clin Invest** 1981 Aug; 68(2):399-404
The effects of detraining on an elite power lifter. A case study. Staron RS, et al. **J Neurol Sci** 1981 Aug;51(2):247-57
Effects of exercise on iron and copper metabolism in rats. Ruckman KS, et al. **J Nutr** 1981 Sep;111(9):1593-601
Specificity of training: selective aspects of running. Perez HR. **J Sports Med Phys Fitness** 1981 Mar;21(1):68-73
Adipose cell size of distance runners before and after a 23 mile run. Wilcox AR, et al. **J Sports Med Phys Fitness** 1981 Mar; 21(1):1-6
Effect of sweating [letter] Dean W. **JAMA** 1981 Aug 7; 246(6):623
Delayed menarche and amenorrhea of college athletes in relation to age of onset of training. Frisch RE, et al. **JAMA** 1981 Oct 2;246(14):1559-63
Biochemical and physiological changes in football players. Pohl AP, et al. **Med J Aust** 1981 May 2;1(9):467-70
Marathon performance in relation to maximal aerobic power and training indices. Hagan RD, et al. **Med Sci Sports Exerc** 1981; 13(3):185-9
Strength comparisons in untrained men and trained women athletes. Morrow JR Jr, et al. **Med Sci Sports Exerc** 1981:13(3):194-7
Longitudinal study of aerobic power in superior junior athletes. Murase Y, et al. **Med Sci Sports Exerc** 1981;13(3):180-4
Comparison of hydrostatic weighing at residual volume and total lung capacity. Weltman A, et al. **Med Sci Sports Exerc** 1981; 13(3):210-3
Nutrition and athletic performance. Smith NJ. **Med Times** 1981 Aug;109(8):92-107
Prevention of age-related hypertriglyceridemia by caloric restriction and exercise training in the rat. Reaven GM, et al. **Metabolism** 1981 Oct;30(10):982-6
Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23
Biologic influences on exercise adherence. Dishman RK. **Res Q Exerc Sport** 1981 May;52(2):143-59
Energy cost of rebound-running. Katch VL, et al. **Res Q Exerc Sport** 1981 May;52(2):269-72
Isometric and isokinetic quadriceps muscle strength in 70-year-old men and women. Aniansson A, et al. **Scand J Rehabil Med** 1980; 12(4):161-8
From beltline to steering wheel: the vanishing space. An informal study of persistent weight gain of truck drivers. Rather RJ, et al. **SD J Med** 1981 Mar;24(3):21-4
[Echocardiographic values of healthy children in relation to ergometric performance (author's transl)] Bachl N, et al. **Z Kardiol** 1980 Dec;69(12):845-51 (Eng. Abstr.) **(Ger)**
[Changes in the structure and cellular makeup of inguinal lymph nodes of white rats after dynamic and static loading] Vikhruk TI. **Arkh Anat Gistol Embriol** 1981 May;80(5):23-30 (Eng. Abstr.) **(Rus)**

BONE AND BONES

Morphological criteria of adaptation of the osseous system to increased physical loading. Sudzilovski PV. **Folia Morphol (Praha)** 1981;29(3):209-12
Skeletal and pulmonary radiology changes in divers. Davidson JK. **J Soc Occup Med** 1981 Jul;31(3):85-92
[Mineral saturation of the hand bones of adolescent and young adult boxers of Khabarovsk] Zemsha NV. **Arkh Anat Gistol Embriol** 1981 May;80(5):12-17 (Eng. Abstr.) **(Rus)**

BOXING

Ethnic aspects of boxing and the ringside physician. Williams PT. **J Med Soc NJ** 1981 Sep;78(10):654-6
Cervical spine injuries resulting from collision sports. Kewalramani LS, et al. **Paraplegia** 1981;19(5):303-12
[Mineral saturation of the hand bones of adolescent and young adult boxers of Khabarovsk] Zemsha NV. **Arkh Anat Gistol Embriol** 1981 May;80(5):12-17 (Eng. Abstr.) **(Rus)**

BRACHIAL PLEXUS

Neck injuries in football players. Sherk HH, et al. **J Med Soc NJ** 1981 Aug;78(9):579-83

BRAIN CONCUSSION

Association football injuries to the brain. A preliminary report. Tysvaer A, et al. **Br J Sports Med** 1981 Sep;15(3):163-6

BREATHING EXERCISES

Rehabilitation of patients after acute myocardial infarction- an interdisciplinary, family-oriented program. Segev U, et al. **Heart Lung** 1981 Sep-Oct;10(5):841-7
Asthma: The yoga perspective. Part I. The somatopsychic imbalance in asthma: towards a holistic therapy. Goyeche JR, et al. **J Asthma Res** 1980 Apr;17(3):111-21
[Cardiorespiratory function in young bronchitis patients, mostly mineworkers, before and after kinesitherapy and exertion training. Comparison with a control group (Preliminary results)] Marcq M, et al. **Rev Inst Hyg Mines (Hasselt)** 1981; 36(1):5-31 (Eng. Abstr.) **(Dut, Fre)**

BRONCHIAL PROVOCATION TESTS

Bronchial exercise and oral challenge procedures. Spector SL, et al. **Bull NY Acad Med** 1981 Sep;57(7):572-81
[Differences in the course of exercise-induced bronchial spasm in pollen asthma and bronchial asthma with aspirin hypersensitivity] Rożniecki J, et al. **Pol Tyg Lek** 1981 Feb 23;36(8):289-92 (Eng. Abstr.) **(Pol)**

BURSITIS

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

CAFFEINE

[Effect of the psychostimulants caffeine and methylphenidate on the efficiency of physical activity in rats exposed to ionizing radiation] Petkov V, et al. **Eksp Med Morfol** 1981;20(2):82-7 (Eng. Abstr.) **(Bul)**

CARBON DIOXIDE

Altered exercise ventilatory responses by apparent propranolol-diminished glucose metabolism: implications concerning impaired physical training benefit in coronary patients. Hossack KF, et al. **Am Heart J** 1981 Sep; 102(3 Pt 1):378-82

Arterial blood gas standards for healthy young nonsmoking subjects. Andrews JL Jr, et al. **Am J Clin Pathol** 1981 Jun; 75(6):773-80

Mixed venous oxygenation, exercise, body posture, and v/q ratio in chronic obstructive pulmonary disease. Minh VD, et al. **Am Rev Respir Dis** 1981 Sep;124(3):226-31

Physiology of gas exchange and exertional dyspnoea. Wasserman K. **Clin Sci** 1981 Jul;61(1):7-13 (21 ref.)

Comparison of regulation of respiration in transitional and steady-state regimes of muscular work and under the influence of additional resistance. Breslav IS, et al. **Hum Physiol** 1980 Nov-Dec;6(6):401-6

Hemodynamics in healthy subjects during moderate physical exertion in the lying and sitting positions. Katkovskii BS, et al. **Hum Physiol** 1980 Nov-Dec;6(6):407-10

Respiratory physiology of exercise: metabolism, gas exchange, and ventilatory control. Wasserman K, et al. **Int Rev Physiol** 1981; 23:149-211 (211 ref.)

Effect of CO2 set point on ventilatory response to exercise. Oren A, et al. **J Appl Physiol** 1981 Jul;51(1):185-9

Ventilation in exercise studied with circulatory occlusion. Sargeant AJ, et al. **J Appl Physiol** 1981 Apr;50(4):718-23

Components of alveolar-arterial O2 gradient during rest and exercise at sea level and high altitude. Sylvester JT, et al. **J Appl Physiol** 1981 Jun;50(6):1129-39

Role of metabolic CO2 production in ventilatory response to steady-state exercise. Phillipson EA, et al. **J Clin Invest** 1981 Sep;68(3):768-74

Effects of exercise on protein and amino acid metabolism. Lemon PW, et al. **Med Sci Sports Exerc** 1981;13(3):141-9

Exercise after sleep deprivation. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(4):220-3

[Importance of chemoreceptor stimuli to the speed of switching the respiratory response to exertion on and off] Breslav IS, et al. **Biull Eksp Biol Med** 1981 May;91(5):522-5 (Eng. Abstr.) **(Rus)**

[Effect of physical training on the manifestation of reactions to breathing a gas mixture containing 5% CO2 and 14% O2] Krasnikov NP. **Kosm Biol Aviakosm Med** 1981 Jun-Jul; 15(4):33-5 (Eng. Abstr.) **(Rus)**

CARDIAC OUTPUT

Improved interpretation of a continuous variable in diagnostic testing: probabilistic analysis of scintigraphic rest and exercise left ventricular ejection fractions for coronary disease detection. Diamond GA, et al. **Am Heart J** 1981 Aug;102(2):189-95

Effect of propranolol on postexercise left ventricular ejection time index. Boudoulas H, et al **Am J Cardiol** 1981 Aug; 48(2):357-60

Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure. Effect on metabolic responses to submaximal exercise. Wilson JR, et al. **Am J Med** 1981 Oct;71(4):627-33

Mixed venous oxygenation, exercise, body posture, and v/q ratio in chronic obstructive pulmonary disease. Minh VD, et al. **Am Rev Respir Dis** 1981 Sep;124(3):226-31

Cardiac output and venous return as interdependent and independent variables. Badeer HS. **Cardiology** 1981; 67(2):65-72

Control of cardiac output in exercising dogs using different types of workload. Versteeg PG, et al. **Cardiovasc Res** 1981 Mar; 15(3):151-8

Radionuclide angiographic correlation of the R wave, ejection fraction, and volume responses to upright bicycle exercise. Greenberg PS, et al. **Chest** 1981 Oct;80(4):459-64

Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):162-7

Cardiovascular response to treadmill exercise in untrained rats. Gleeson TT, et al. **J Appl Physiol** 1981 Jun;50(6):1206-11

Beat-by-beat stroke volume assessment by pulsed Doppler in upright and supine exercise. Loeppky JA, et al. **J Appl Physiol** 1981 Jun;50(6):1173-82

Cardiorespiratory and metabolic responses to treadmill exercise in the horse. Thomas DP, et al. **J Appl Physiol** 1981 Apr; 50(4):864-8

Abnormal false-positive response of exercise ejection fraction due to the ROI: fixed compared with variable [letter] Karimeddini MK, et al. **J Nucl Med** 1981 Aug;22(8):749-50

The effect of drugs on the cardiovascular response to exercise. Powles AC. **Med Sci Sports Exerc** 1981;13(4):252-8 (88 ref.)

Support responses of the cardiovascular system to exercise. Part I. Littell EH. **Phys Ther** 1981 Sep;61(9):1260-4

Neural regulation of cardiovascular response to exercise: Part II. Littell EH. **Phys Ther** 1981 Oct;61(10):1411-8

The effect of repeated supine exercise on exercise tolerance and left ventricular pump function in patients with angina pectoris. Carlens P. **Scand J Clin Lab Invest** 1980 Apr;40(2):105-14

[Effect of dynamic exercise on left ventricular hemodynamics in obstructive cardiomyopathy] Grbic M, et al. **Schweiz Med Wochenschr** 1980 Nov 8;110(45):1692-6 (Eng. Abstr.) **(Fre)**

[Differentiated pacemaker therapy] Kappenberger L, et al. **Schweiz Med Wochenschr** 1981 Jan 10;111(2):45-8 (Eng. Abstr.) **(Ger)**

[Effect of isometric exertion (handgrip) on left-ventricular activity in angina pectoris evaluated by ultrasonocardiography] Trojnar R, et al. **Kardiol Pol** 1981;24(6):439-44 (Eng. Abstr.) **(Pol)**

CARDIAC TAMPONADE

Cardiac output and venous return as interdependent and independent variables. Badeer HS. **Cardiology** 1981; 67(2):65-72

CARDIOVASCULAR SYSTEM

Effects of antiorthostatic bedrest on the cardiorespiratory responses to exercise. Convertino VA, et al. **Aviat Space Environ Med** 1981 Apr;52(4):251-5

Cardiovascular and respiratory reflexes from muscles during dynamic and static exercise. Tallarida G, et al. **J Appl Physiol** 1981 Apr;50(4):784-91

Cardiorespiratory and metabolic responses to treadmill exercise in the horse. Thomas DP, et al. **J Appl Physiol** 1981 Apr; 50(4):864-8

Effects of vanadate on heart and circulation. Borchard U, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):510-21

Effect of sweating [letter] Dean W. **JAMA** 1981 Aug 7; 246(6):623

Support responses of the cardiovascular system to exercise. Part I. Littell EH. **Phys Ther** 1981 Sep;61(9):1260-4

Neural regulation of cardiovascular response to exercise: Part II. Littell EH. **Phys Ther** 1981 Oct;61(10):1411-8

[Industrial physiology aspects of the cardiovascular reaction in static muscle work] Kramer H, et al. **Z Gesamte Hyg** 1981; 27(1):34-8 (Eng. Abstr.) **(Ger)**

[Dynamic exercise with the bicycle ergometer in normal subjects and patients with essential hypertension after induction of metabolic acidosis and alkalosis] Conte G, et al. **Boll Soc Ital Cardiol** 1980;25(7):863-6 (Eng. Abstr.) **(Ita)**

[Cardiorespiratory system state in renovascular hypertension dynamics after surgical treatment and physical rehabilitation] Kniazeva TA, et al. **Kardiologiia** 1981;21(7):87-92 (Eng. Abstr.) **(Rus)**

[Effect of 1-day water immersion on the indices of the human cardiorespiratory system under physical load] Beliaev SM. **Kosm Biol Aviakosm Med** 1981 Jun-Jul;15(4):24-6 (Eng. Abstr.) **(Rus)**

CARPAL BONES

Stress fracture of the scaphoid waist. A case report. Manzione M, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):268-9

[Mineral saturation of the hand bones of adolescent and young adult boxers of Khabarovsk] Zemsha NV. **Arkh Anat Gistol Embriol** 1981 May;80(5):12-17 (Eng. Abstr.) **(Rus)**

CARTILAGE, ARTICULAR

A surgical procedure for the Osgood-Schlatter lesion. King AG, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):250-3

Traumatic osteochondral lesions of the talus. Israeli A, et al. **Br J Sports Med** 1981 Sep;15(3):159-62

CASTS, SURGICAL

Knee motion in a long leg cast. Krackow KA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):233-9

[Tendon injuries in sport activities] Mironova ZS, et al. **Ortop Travmatol Protez** 1981 Jan;(1):22-6 (Eng. Abstr.) **(Rus)**

CERVICAL VERTEBRAE

Football head and neck injuries—an update. Maroon JC, et al. **Clin Neurosurg** 1980;27:414-29 (34 ref.)

Neck injuries in football players. Sherk HH, et al. **J Med Soc NJ** 1981 Aug;78(9):579-83

CHLORPROMAZINE

Chronic chlorpromazine administration in rats: effects on ability to work in the heat. Francesconi R, et al. **J Appl Physiol** 1981 Mar;50(3):509-12

CHOLESTEROL

The prevalence of coronary risk factors in children—a review. Armstrong N, et al. **Acta Paediatr Belg** 1980 Oct-Dec; 33(4):209-17 (92 ref.)

HDL-cholesterol as a negative risk factor. Rifkind BM. **Curr Concepts Nutr** 1981;10:79-87

Lipoprotein-cholesterol in coronary-heart-disease (CHD) patients with and without exercise training. Berg A, et al. **Int J Rehabil Res** 1981;4(2):211-3

Biochemical variability in a tem sports situation. Biersner RJ, et al. **J Human Stress** 1981 Sep;7(3):12-7

High density lipoprotein cholesterol and body composition of female runners. Rotkis T, et al. **Metabolism** 1981 Oct; 30(10):994-5

Alcohol consumption and high-density lipoprotein cholesterol in marathon runners. **Nutr Rev** 1981 Aug;39(8):303-4 (12 ref.)

Trends in coronary heart disease mortality and associated risk factors in New Zealand. Beaglehole R, et al. **NZ Med J** 1981 Jun 10;93(685):371-5

Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23

[Prolonged effects of training on adipose tissue glucose metabolism and insulin responsiveness in adult rats (author's transl)] Gommers A, et al. **Diabete Metab** 1981 Jun;7(2):121-6 (Eng. Abstr.) **(Fre)**

[Relation between HDL cholesterol and ECG findings] Bergert KD, et al. **Z Gesamte Inn Med** 1981 Jul 1;36(13):462-4 (Eng. Abstr.) **(Ger)**

[Serum triglycerides and cholesterol fractions in 2 groups of young women: effect of diet and degree of motor activity] Reggiani E, et al. **Arch E Maragliano Patol Clin** 1979:35:13-8 (81 ref.) (Eng. Abstr.) **(Ita)**

CHRONIC DISEASE

Increased GABA binding in mouse brain following acute swim stress. Skerritt JH, et al. **Brain Res** 1981 Jun 29; 215(1-2):398-403

Systolic time intervals in chronic obstructive pulmonary disease. Louridas G, et al. **Cardiology** 1981;68(1):30-41

Physical training program in arterial hypertension. A long-term prospective follow-up. Román O, et al. **Cardiology** 1981; 67(4):230-43

Anxiety disorder: management of chronic illness. Clancy J, et al. **J Clin Psychiatry** 1981 Sep;42(9):330-2

Transcutaneous nerve stimulation: its significance and applications in podiatry. Grosack MA, et al. **J Foot Surg** 1981 Fall; 20(3):127-35

Multidisciplinary treatment of chronic pain at the Northwest Pain Center. Seres JL, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1980;36:41-65

Pain complaint—exercise performance relationship in chronic pain. Fordyce W, et al. **Pain** 1981 Jun;10(3):311-21

Randomised controlled trial of rehabilitation in chronic respiratory disability. Cockcroft AE, et al. **Thorax** 1981 Mar;36(3):200-3

[Malnutrition in 3 hospital populations] Labadarios D, et al. **S Afr Med J** 1981 Aug 1;60(5):213-6 (Eng. Abstr.) **(Afr)**

[Changes in intracardiac hemodynamics and the tolerance for physical loading as affected by Nitrong in persons suffering from ischemic heart disease] Gasilin VS, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981; 4(1):59-64 (Eng. Abstr.) **(Rus)**

[Intracardiac hemodynamics and myocardial contractile function indices in chronic ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1981 Jun;21(6):51-5 (Eng. Abstr.) **(Rus)**

[Restructuring of the endocrine function of the kidney in hypertension] Nekrasova AA. **Kardiologiia** 1981;21(7):13-20 (Eng. Abstr.) **(Rus)**

[Diagnosis and treatment of exacerbated chronic bronchitis and bronchiectasis] Soshenkova GV. **Sov Med** 1981;(5):24-8 (Eng. Abstr.) **(Rus)**

[Mechanism of respiration during exercise in patients with nonspecific lung pathology] Kanaev NN, et al. **Ter Arkh** 1981; 53(3):96-8 (Eng. Abstr.) **(Rus)**

[Bicycle ergometry in the expert evaluation of stenocardia patients' work capacity] Oberemchenko IaV, et al. **Vrach Delo** 1981 May; (5):55-8 (Eng. Abstr.) **(Rus)**

COCAINE

Nervous modulation of spontaneous contractions in bovine mesenteric lymphatics. McHale NG, et al. **J Physiol (Lond)** 1980 Dec;309:461-72

COLD

Thermal and glycemic responses during mild exercise in +5 to -15 degrees C environments following alcohol ingestion. Graham TE. **Aviat Space Environ Med** 1981 Sep;52(9):517-22

A comparison of three liquid-ventilation cooling garments during treadmill exercise. Webbon B, et al. **Aviat Space Environ Med** 1981 Jul;52(7):408-15

Canoeists' disorientation following cold immersion. Baker S, et al. **Br J Sports Med** 1981 Jun;15(2):111-5

Effect of a precooling maneuver on body temperature and exercise performance. Schmidt V, et al. **J Appl Physiol** 1981 Apr; 50(4):772-8

Sudden Death in cold water and ventricular arrhythmia. Keatinge WR, et al. **J Forensic Sci** 1981 Jul;26(3):459-61

Factors which affect shivering in man during cold water immersion. Martin S, et al. **Pflugers Arch** 1981 Jul; 391(1):81-3

[Effects on the manual function of men wearing cold-protective clothing to cold stress (author's transl)] Tanaka M, et al. **Sangyo Igaku** 1981 Jan;23(1):72-8 (Eng. Abstr.) **(Jpn)**

CONTACT LENSES

Management of refractive errors in myopic athletes. A comparison of the Bausch and Lomb Soflens (Polymacon) contact lenses with glasses, hard lenses, and no correction. Brown BG 3d. **Contact Intraocular Lens Med J** 1981 Apr-Jun;7(2):123-43

CONTACT LENSES, HYDROPHILIC

Management of refractive errors in myopic athletes. A comparison of the Bausch and Lomb Soflens (Polymacon) contact lenses with glasses, hard lenses, and no correction. Brown BG 3d. **Contact Intraocular Lens Med J** 1981 Apr-Jun;7(2):123-43

CONTRACTURE

The bicycle seat stool in the treatment of vaginal agenesis and stenosis: a preliminary report. Ingram JM. **Am J Obstet Gynecol** 1981 Aug 15;140(8):867-73

CORONARY CIRCULATION

Comparison of upright and supine bicycle exercise in the detection and evaluation of extent of coronary artery disease by equilibrium radionuclide ventriculography. Freeman MR, et al. **Am Heart J** 1981 Aug;102(2):182-9

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

Exercise thallium-201 myocardial imaging in left main coronary artery disease: sensitive but not specific. Rehn T, et al. **Am J Cardiol** 1981 Aug;48(2):217-23

Criteria for adequate oxygenation of isometric kitten papillary muscle. Paradise NF, et al. **Am J Physiol** 1981 Sep; 241(3):H348-53

Transmural adenosine with increased cardiac work. McKenzie JE, et al. **Basic Res Cardiol** 1981 Jul-Aug;76(4):372-6

Cardiac output and venous return as interdependent and independent variables. Badeer HS. **Cardiology** 1981; 67(2):65-72

The effect of an isovolumic left ventricle on the coronary vascular competence during reflow after global ischemia in the rat heart. Humphrey SM, et al. **Circ Res** 1981 Sep;49(3):784-91

Comparison of two radionuclide techniques for detecting disease of right and left coronary arteries. Johnson LL, et al. **Herz** 1981 Jun;6(3):166-77

Nuclear cardiology (second of two parts). Berger HJ, et al. **N Engl J Med** 1981 Oct 8;305(15):855-65 (102 ref.)

[Improved myocardial function after transluminal coronary angioplasty (author's transl)] Klepzig H Jr, et al. **Herz** 1981 Aug; 6(4):252-8 (Eng. Abstr.) **(Ger)**

[201-thallium stress scintigram in patients with coronary artery disease after administration of the cardioselective betablocker atenolol (author's transl)] Chlup J, et al. **Z Kardiol** 1981 Jun; 70(6):450-4 (Eng. Abstr.) **(Ger)**

CORONARY DISEASE

The prevalence of coronary risk factors in children—a review. Armstrong N, et al. **Acta Paediatr Belg** 1980 Oct-Dec; 33(4):209-17 (92 ref.)

Improved interpretation of a continuous variable in diagnostic testing: probabilistic analysis of scintigraphic rest and exercise left ventricular ejection fractions for coronary disease detection. Diamond GA, et al. **Am Heart J** 1981 Aug;102(2):189-95

Comparison of upright and supine bicycle exercise in the detection and evaluation of extent of coronary artery disease by equilibrium radionuclide ventriculography. Freeman MR, et al. **Am Heart J** 1981 Aug;102(2):182-9

Altered exercise ventilatory responses by apparent propranolol-diminished glucose metabolism: implications concerning impaired physical training benefit in coronary patients. Hossack KF, et al. **Am Heart J** 1981 Sep;102(3 Pt 1):378-82

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

Effect of propranolol on postexercise left ventricular ejection time index. Boudoulas H, et al. **Am J Cardiol** 1981 Aug;48(2):357-60

The inconsistent pattern of thallium defects: a clue to the false positive perfusion scintigram. Dunn RF, et al. **Am J Cardiol** 1981 Aug;48(2):224-32

Quantitative radionuclide angiography in assessment of hemodynamic changes during upright exercise: observations in normal subjects, patient with coronary artery disease and patients with aortic regurgitation. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):239-46

Value of exercise thallium-201 imaging in patients with diagnostic and nondiagnostic exercise electrocardiograms. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):233-8

Two dimensional echocardiographic analysis of wall motion abnormalities during handgrip exercise in patients with coronary artery disease. Mitamura H, et al. **Am J Cardiol** 1981 Oct;48(4):711-9

Septal Q wave in exercise testing: angiographic correlation. Morales-Ballejo H, et al. **Am J Cardiol** 1981 Aug;48(2):247-51

Exercise thallium-201 myocardial imaging in left main coronary artery disease: sensitive but not specific. Rehn T, et al. **Am J Cardiol** 1981 Aug;48(2):217-23

Stress thallium-201 myocardial scintigraphy for the detection of individual coronary arterial lesions in patients with and without previous myocardial infarction. Rigo P, et al. **Am J Cardiol** 1981 Aug;48(2):209-16

Comparative study of myocardial ischemia during angina at rest and on exertion using thallium-201 scintigraphy. Uthurralt N, et al. **Am J Cardiol** 1981 Sep;48(3):410-7

Physical fitness training and mental health. Folkins CH, et al. **Am Psychol** 1981 Apr;36(4):373-89 (128 ref.)

Eight-year follow-up of exercise electrocardiograms in healthy, middle-aged aviators. MacIntyre NR, et al. **Aviat Space Environ Med** 1981 Apr;52(4):256-9

R wave amplitude during exercise [letter] Carbonin PU, et al. **Br Heart J** 1981 Aug;46(2):224-5

Effect of stenosed and occluded coronary arteries on immediate and late myocardial uptake of thallium-201. Clitsakis D, et al. **Br Heart J** 1981 Aug;46(2):186-9

Clinical significance of exercise-induced ST segment elevation. Correlative angiographic study in patients with ischaemic heart disease. de Feyter PJ, et al. **Br Heart J** 1981 Jul;46(1):84-92

Use of exercise thallium scintigraphy to assess extent of ischaemic myocardium in patients with left anterior descending artery disease. Hakki AH, et al. **Br Heart J** 1981 Jun;45(6):703-9

Comparative sensitivity evaluation of AVSEP electrocardiographic monitoring check and Master's double 2 step test in patients with ischemic heart disease and arrhythmias. Fukuda I, et al. **Bull Osaka Med Sch** 1980 Jul;26(1):51-7

Physical activity and physical fitness levels of Belgian males aged 40-55 years. De Backer G, et al. **Cardiology** 1981;67(2):110-28

Systolic time intervals in chronic obstructive pulmonary disease. Louridas G, et al. **Cardiology** 1981;68(1):30-41

Prediction of severity of coronary artery disease using slope of submaximal ST segment/heart rate relationship. Elamin MS, et al. **Cardiovasc Res** 1980 Dec;14(12):681-91

Combined exercise echocardiography [letter] Berberich SN, et al. **Chest** 1981 Sep;80(3):336

Effects of treadmill exercise on total and myocardial creatine phosphokinase. Bornheimer JF, et al. **Chest** 1981 Aug;80(2):146-8

Radionuclide angiographic correlation of the R wave, ejection fraction, and volume responses to upright bicycle exercise. Greenberg PS, et al. **Chest** 1981 Oct;80(4):459-64

Differentiation of false- from true-positive ECG responses to exercise stress by thallium 201 perfusion imaging. Guiney TE, et al. **Chest** 1981 Jul;80(1):4-10

Effects of nitrates on R-wave variations after exercise in coronary heart disease: differences in patients with and without angina pectoris. Lerman J, et al. **Chest** 1981 Aug;80(2):137-41

The effect of an isovolumic left ventricle on the coronary vascular competence during reflow after global ischemia in the rat heart. Humphrey SM, et al. **Circ Res** 1981 Sep;49(3):784-91

Impaired left ventricular diastolic filling in patients with coronary artery disease: assessment with radionuclide angiography. Bonow RO, et al. **Circulation** 1981 Aug;64(2):315-23

Accuracy of diagnosis of coronary artery disease by radionuclide management of left ventricular function during rest and exercise. Jones RH, et al. **Circulation** 1981 Sep;64(3):586-601

Risk stratification with low-level exercise testing 2 weeks after acute myocardial infarction. Weld FM, et al. **Circulation** 1981 Aug;64(2):306-14

Comprehensive analysis of exertional ECG changes before and after oral propranolol. Hossack KF, et al. **Clin Cardiol** 1979 Aug;2(4):272-80

Coronary artery disease confined to secondary branches of the left coronary system. Iskandrian AS, et al. **Clin Cardiol** 1981 May;4(3):130-3

The magnitude of exercise-induced ST segment depression and the predictive value of exercise testing. Nahormek PA, et al. **Clin Cardiol** 1979 Aug;2(4):286-90

HDL-cholesterol as a negative risk factor. Rifkind BM. **Curr Concepts Nutr** 1981;10:79-87

Myocardial bridges and ischemic heart disease. Rossi L, et al. **Eur Heart J** 1980 Aug;1(4):239-45

Comparison of dipyridamole and treadmill exercise for enhancing thallium-201 perfusion defects in patients with coronary artery disease. Timmis AD, et al. **Eur Heart J** 1980 Aug;1(4):275-80

Bayesian analysis of stress thallium-201 scintigraphy. Murray RG, et al. **Eur J Nucl Med** 1981;6(5):201-4

Exercise and coronary risk factor modification in the management of atherosclerosis. Fletcher GF. **Heart Lung** 1981 Sep-Oct;10(5):811-3

Comparison of two radionuclide techniques for detecting disease of right and left coronary arteries. Johnson LL, et al. **Herz** 1981 Jun;6(3):166-77

Health knowledge and community prevention of coronary heart disease. Puska P, et al. **Int J Health Educ** 1981;24(2 Suppl):1-11

Lipoprotein-cholesterol in coronary-heart-disease (CHD) patients with and without exercise training. Berg A, et al. **Int J Rehabil Res** 1981;4(2):211-3

Left ventricular function and volume during supine exercise in subjects with coronary artery disease. Manyari DE, et al. **J Appl Physiol** 1981 Mar;50(3):636-42

Haemodynamic dose-response effects of intravenous oxprenolol in coronary heart disease. Silke B, et al. **J Cardiovasc Pharmacol** 1981 Jul-Aug;3(4):716-27

The relationship between exercise-induced R wave amplitude changes and QRS vector loops. Watanabe K, et al. **J Electrocardiol** 1981;14(2):129-38

Exercise as therapy in cardiac rehabilitation. Jacobs BF, et al. **J La State Med Soc** 1981 Apr;133(4):52-4

Quantitative thallium-201 exercise scintigraphy for detection of coronary artery disease. Berger BC, et al. **J Nucl Med** 1981 Jul;22(7):585-93

Abnormal false-positive response of exercise ejection fraction due to the ROI: fixed compared with variable [letter] Karimeddini MK, et al. **J Nucl Med** 1981 Aug;22(8):749-50

Council on scientific affairs report B physician supervised exercise programs in rehabilitation of patients with coronary heart disease. **J Tenn Med Assoc** 1981 Apr;74(4):250-4

Indications and contraindications for exercise testing. **JAMA** 1981 Aug 28;246(9):1015-8

Nuclear cardiology (second of two parts). Berger HJ, et al. **N Engl J Med** 1981 Oct 8;305(15):855-65 (102 ref.)

201Tl-myocardial scintigraphy: current status in coronary artery disease, results of sensitivity/specificity in 3092 patients and clinical recommendations. Hör G, et al. **Nuklearmedizin** 1981 Jun;20(3):136-47

Asymptomatic diabetic females. Exercise testing. Rubler S. **NY State J Med** 1981 Jul;81(8):1185-91

Trends in coronary heart disease mortality and associated risk factors in New Zealand. Beaglehole R, et al. **NZ Med J** 1981 Jun 10;93(685):371-5

Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23

Value and limitations of exercise testing. Amsterdam EA. **Proc Annu Meet Med Sect Am Counc Life Insur** 1980;5:117-25

Biologic influences on exercise adherence. Dishman RK. **Res Q Exerc Sport** 1981 May;52(2):143-59

Pre-operative exercise testing in patients suspected of arteriosclerotic heart disease: methods, risks and reproducibility. Bille-Brahe NE, et al. **Scand J Clin Lab Invest** 1981 Feb;41(1):21-7

Physical activity and coronary heart disease. Clark RS, et al. **Scott Med J** 1981 Jan;26(1):15-20 (42 ref.)

Exercise prescription. Wenger NK. **Singapore Med J** 1981 Apr;22(2):68-75 (66 ref.)

Thallium 201 myocardial scintigraphy and exercise testing in patients prior to and following coronary artery revascularization. Ormand J, et al. **Tex Med** 1981 Jul;77(7):52-8

Exercise testing with multiple leads in patients with and without previous myocardial infarction. Tubau JF. **West J Med** 1981 Aug; 135(2):109–12

[Hemodynamic actions on alinidine during exercise in patients with coronary artery disease. Löllgen H, et al. **Z Kardiol** 1981 May; 70(5):425–8

[Exercise electrocardiography test in internal medicine] Janota M. **Vnitr Lek** 1981 Aug;27(8):750–7 (Eng. Abstr.) **(Cze)**

[Prognostic importance of ergometric examination in men in the 6th decade of life] Rakická E, et al. **Vnitr Lek** 1981 Aug; 27(8):758–66 (Eng. Abstr.) **(Cze)**

[Effect of isometric exercise on changes in selected hemodynamic parameters] Smíd J, et al. **Vnitr Lek** 1981 Jun;27(6):548–56 (Eng. Abstr.) **(Cze)**

Predictive value of early postmyocardial infarction modified treadmill exercise testing in multivessel coronary artery disease detection. Starling MR, et al. **Am Heart J** 1981 Aug; 102(2):169–75 **(eng)**

[Indirect evaluation of effort angina. Automatic and traditional analysis of the ST segment, the amplitude of the R wave and thallium scintiscanning (author's transl)] Stoupel E, et al. **Ann Cardiol Angeiol (Paris)** 1981 May;30(3):207–10 (Eng. Abstr.) **(Fre)**

[Exercise test in the diagnosis of coronary insufficiency] Ismail MB. **Tunis Med** 1981 Mar–Apr;59(2):125–8 (Eng. Abstr.) **(Fre)**

[Improved myocardial function after transluminal coronary angioplasty (author's transl)] Klepzig H Jr, et al. **Herz** 1981 Aug; 6(4):252–8 (Eng. Abstr.) **(Ger)**

[The effects of atenolol on the exercise symptoms of coronary patients. A double blind study (author's transl)] Bischoff K. **MMW** 1981 Sep 4;123(36):1337–40 (Eng. Abstr.) **(Ger)**

[Physical activity and coronary artery disease (author's transl)] Fellmann H. **Praxis** 1980 Nov 4;69(44):1602–8 (Eng. Abstr.) **(Ger)**

[Can ischemia-induced wall motion abnormalities of the left ventricle be predicted by non-invasive thallium-201 scintigraphy? Comparison with the ventriculography test] Pfisterer M, et al. **Schweiz Med Wochenschr** 1980 Nov 8; 110(45):1643–5 (Eng. Abstr.) **(Ger)**

[Preclinical precautions in the therapeutic treatment of the aged] Lang E. **Ther Umsch** 1981 Jan;38(1):8–13 (Eng. Abstr.) **(Ger)**

[Relation between HDL cholesterol and ECG findings] Bergert KD, et al. **Z Gesamte Inn Med** 1981 Jul 1;36(13):462–4 (Eng. Abstr.) **(Ger)**

[201-thallium stress scintigram in patients with coronary artery disease after administration of the cardioselective betablocker atenolol (author's transl)] Chlup J, et al. **Z Kardiol** 1981 Jun; 70(6):450–4 (Eng. Abstr.) **(Ger)**

[Electrocardiographic differential diagnosis of ischemic and aspecific anomalies of ventricular repolarization] Mosti GB, et al. **Boll Soc Ital Cardiol** 1980;25(7):731–45 (Eng. Abstr.) **(Ita)**

[Exercise test in women with abnormal ecg (author's transl)] Ghilardi P, et al. **G Ital Cardiol** 1980;10(12):1634–80 (Eng. Abstr.) **(Ita)**

[Exercise echocardiography: II. Interventricular septal wall dynamics in patients with left anterior descending coronary disease during recovery (author's transl)] Naito H, et al. **J Cardiogr** 1981 Mar;11(1):79–88 (Eng. Abstr.) **(Jpn)**

[Changes in intracardiac hemodynamics and the tolerance for physical loading as affected by Nitrong in persons suffering from ischemic heart disease] Gasilin VS, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981; 4(1):59–64 (Eng. Abstr.) **(Rus)**

[Comparative pharmacodynamics study of korinfar and isoptin in ischemic heart disease] Savvateev KL, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981; 4(1):64–70 (Eng. Abstr.) **(Rus)**

[Intracardiac hemodynamics and myocardial contractile function indices in chronic ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1981 Jun;21(6):51–5 (Eng. Abstr.) **(Rus)**

[Characteristics of the reaction of the blood fibrinolytic system to physical loading in healthy persons and in elderly ischemic heart disease patients] Korkushko OV, et al. **Kardiologiia** 1981 Apr;21(4):29–33 (Eng. Abstr.) **(Rus)**

[Combined use of psychological and physical loading tests in the diagnosis of ischemic heart disease] Kvantaliani TG, et al. **Kardiologiia** 1981 Jun;21(6):68–71 (Eng. Abstr.) **(Rus)**

[Importance of obsidan for increasing exercise tolerance in elderly patients with ischemic heart disease] Kotko DN, et al. **Ter Arkh** 1980;52(8):22–5 (Eng. Abstr.) **(Rus)**

[Bicycle ergometry in the expert evaluation of stenocardia patients' work capacity] Oberemchenko IaV, et al. **Vrach Delo** 1981 May; (5):55–8 (Eng. Abstr.) **(Rus)**

[Effect of risk factors on the tolerance to physical exertion in chronic ischemic heart disease] Taktuk EE. **Vrach Delo** 1981; (4):71–4 (Eng. Abstr.) **(Rus)**

CORONARY VESSELS

Comparison of upright and supine bicycle exercise in the detection and evaluation of extent of coronary artery disease by equilibrium radionuclide ventriculography. Freeman MR, et al. **Am Heart J** 1981 Aug;102(2):182–9

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431–45 (102 ref.)

The inconsistent pattern of thallium defects: a clue to the false positive perfusion scintigram. Dunn RF, et al. **Am J Cardiol** 1981 Aug;48(2):224–32

Value of exercise thallium-201 imaging in patients with diagnostic and nondiagnostic exercise electrocardiograms. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):233–8

Septal Q wave in exercise testing: angiographic correlation. Morales-Ballejo H, et al. **Am J Cardiol** 1981 Aug; 48(2):247–51

Exercise thallium-201 myocardial imaging in left main coronary artery disease: sensitive but not specific. Rehn T, et al. **Am J Cardiol** 1981 Aug;48(2):217–23

Stress thallium-201 myocardial scintigraphy for the detection of individual coronary arterial lesions in patients with and without previous myocardial infarction. Rigo P, et al. **Am J Cardiol** 1981 Aug;48(2):209–16

Comparative study of myocardial ischemia during angina at rest and on exertion using thallium-201 scintigraphy. Uthurralt N, et al. **Am J Cardiol** 1981 Sep;48(3):410–7

Staging after myocardial infarction [letter] Mautner RK. **Ann Intern Med** 1981 Oct;95(4):514

Effect of stenosed and occluded coronary arteries on immediate and late myocardial uptake of thallium-201. Clitsakis D, et al. **Br Heart J** 1981 Aug;46(2):186–9

Clinical significance of exercise-induced ST segment elevation. Correlative angiographic study in patients with ischaemic heart disease. de Feyter PJ, et al. **Br Heart J** 1981 Jul;46(1):84–92

Use of exercise thallium scintigraphy to assess extent of ischaemic myocardium in patients with left anterior descending artery disease. Hakki AH, et al. **Br Heart J** 1981 Jun;45(6):703–9

Exercise thallium 201 scintigraphy in evaluating aortocoronary bypass surgery. Iskandrian AS, et al. **Chest** 1981 Jul; 80(1):11–5

The exercise test in variant angina: results in 114 patients. de Servi S, et al. **Circulation** 1981 Oct;64(4):684–8

Accuracy of diagnosis of coronary artery disease by radionuclide management of left ventricular function during rest and exercise. Jones RH, et al. **Circulation** 1981 Sep;64(3):586–601

Coronary artery disease confined to secondary branches of the left coronary system. Iskandrian AS, et al. **Clin Cardiol** 1981 May; 4(3):130–3

The magnitude of exercise-induced ST segment depression and the predictive value of exercise testing. Nahormek PA, et al. **Clin Cardiol** 1979 Aug;2(4):286–90

Variable threshold of exertional angina: a clue to a vasospastic component. Brunelli C, et al. **Eur Heart J** 1981 Apr; 2(2):155–61

Comparison of two radionuclide techniques for detecting disease of right and left coronary arteries. Johnson LL, et al. **Herz** 1981 Jun;6(3):166–77

Effects of vanadate on heart and circulation. Borchard U, et al. **J Cardiovasc Pharmacol** 1981 May–Jun;3(3):510–21

Relaxation of the isolated coronary artery by inosine: noninvolvement of the adenosine receptor. Jones CE, et al. **J Cardiovasc Pharmacol** 1981 May–Jun;3(3):612–21

Quantitative thallium-201 exercise scintigraphy for detection of coronary artery disease. Berger BC, et al. **J Nucl Med** 1981 Jul; 22(7):585–93

Ergometrine contracts isolated canine coronary arteries by a serotonergic mechanism: no role for alpha adrenoceptors. Brazenor RM, et al. **J Pharmacol Exp Ther** 1981 Aug; 218(2):530–6

Indications and contraindications for exercise testing. **JAMA** 1981 Aug 28;246(9):1015–8

Exercise electrocardiogram in patients with normal and abnormal coronary arteriogram. Jonasson R, et al. **Scand J Clin Lab Invest** 1980;40(8):775–82

[Exercise electrocardiography test in internal medicine] Janota M. **Vnitr Lek** 1981 Aug;27(8):750–7 (Eng. Abstr.) **(Cze)**

[Improved myocardial function after transluminal coronary angioplasty (author's transl)] Klepzig H Jr, et al. **Herz** 1981 Aug; 6(4):252–8 (Eng. Abstr.) **(Ger)**

[Examination of the effect of aorto-coronary revascularisation by means of exercise tests (author's transl)] Jehle J, et al. **Z Kardiol** 1981 May;70(5):364–70 (Eng. Abstr.) **(Ger)**

DEATH, SUDDEN

Weight reduction and sudden death [letter] Bassler TJ. **Am J Clin Nutr** 1981 Aug;34(8):1639–40

Sudden, unexpected death in sport [letter] Fentem PH. **Br J Sports Med** 1981 Jun;15(2):135

Sudden Death in cold water and ventricular arrhythmia. Keatinge WR, et al. **J Forensic Sci** 1981 Jul;26(3):459–61

Sudden death and physical exertion. Keren G, et al.

PHYSICAL FITNESS/SPORTS MEDICINE

DEATH, SUDDEN

J Sports Med Phys Fitness 1981 Mar;21(1):90-3

DERMATOMYOSITIS

Plasmapheresis in idiopathic inflammatory myopathy. Experience with 35 patients. Dau PC. **Arch Neurol** 1981 Sep;38(9):544-52

DIAPHRAGM

The effects of local anaesthetics on the isometric contraction of the isolated hemidiaphragm of the rat. Prostran M, et al. **Arch Int Pharmacodyn Ther** 1981 Mar;250(1):30-9

Cough dynamics during progressive expiratory muscle weakness in healthy curarized subjects. Arora NS, et al. **J Appl Physiol** 1981 Aug;51(2):494-8

Detection of diaphragmatic fatigue in man by phrenic stimulation. Aubier M, et al. **J Appl Physiol** 1981 Mar;50(3):538-44

Asthma: The yoga perspective. Part I. The somatopsychic imbalance in asthma: towards a holistic therapy. Goyeche JR, et al. **J Asthma Res** 1980 Apr;17(3):111-21

Dynamic properties of the inferior rectus, extensor digitorum longus, diaphragm and soleus muscles of the mouse. Luff AR. **J Physiol (Lond)** 1981;313:161-71

Veterinary problems during endurance trail rides. Fowler ME. **J S Afr Vet Assoc** 1980 Jun;51(2):87-91

DIET

Heart healthy eating and exercise: introducing and maintaining changes in health behaviors. Coates TJ, et al. **Am J Public Health** 1981 Jan;71(1):15-23

The 100-mile run: preparation, performance, and recovery. A case report. Fred HL. **Am J Sports Med** 1981 Jul-Aug;9(4):258-61

How to keep fit and trim. Wilkinson G. **Australas Nurses J** 1981 Apr;10(4):22-4

A nutritional study of Irish athletes. Barry A, et al. **Br J Sports Med** 1981 Jun;15(2):99-109

Glycogen loading: advantages but possible disadvantages. Sharman IM. **Br J Sports Med** 1981 Mar;15(1):64-7

The effects of a glycogen-loading regimen on the capacity to perform anaerobic exercise. Maughan RJ, et al. **Eur J Applied Physiol** 1981;46(3):211-9

Exercise and coronary risk factor modification in the management of atherosclerosis. Fletcher GF. **Heart Lung** 1981 Sep-Oct; 10(5):811-3

Health knowledge and community prevention of coronary heart disease. Puska P, et al. **Int J Health Educ** 1981; 24(2 Suppl):1-11

Effect of low-potassium diet on rat exercise hyperthermia and heatstroke mortality. Hubbard RW, et al. **J Appl Physiol** 1981 Jul;51(1):8-13

Structure and function changes in the endocrine pancreas of aging rats with reference to the modulating effects of exercise and caloric restriction. Reaven EP, et al. **J Clin Invest** 1981 Jul; 68(1):75-84

The effects of detraining on an elite power lifter. A case study. Staron RS, et al. **J Neurol Sci** 1981 Aug;51(2):247-57

Trends in coronary heart disease mortality and associated risk factors in New Zealand. Beaglehole R, et al. **NZ Med J** 1981 Jun 10;93(685):371-5

Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23

DIET, REDUCING

Weight reduction and sudden death [letter] Bassler TJ. **Am J Clin Nutr** 1981 Aug;34(8):1639-40

The 'metabolically-obese,' normal-weight individual. Ruderman NB, et al. **Am J Clin Nutr** 1981 Aug;34(8):1617-21

Non-drug treatment of hypertension. Kaplan NM. **Aust NZ J Med** 1981;11(Suppl 1):73-5

How to keep fit and trim. Wilkinson G. **Australas Nurses J** 1981 Apr;10(4):22-4

Investigation of insulin sensitivity in early diabetes III. The effect of a combined physical training and diet programme on body weight, serum lipids and insulin sensitivity in obese asymptomatic diabetics. Ratzmann KP, et al. **Endokrinologie** 1981 Apr; 77(2):233-41

Metabolic fuels and the capacity for exercise during hypocaloric diet. Bogardus C, et al. **Int J Obes** 1981;5(3):295-6

The effect of a very-low-calorie diet with and without chronic exercise on thyroid and sex hormones, plasma proteins, oxygen uptake, insulin and c peptide concentrations in obese women. Krotkiewski M, et al. **Int J Obes** 1981;5(3):287-93

The behaviour of some biologic parameters in obese patients after short-term exercise under restrictive diets. Dumitrescu C, et al. **Med Interne** 1981 Apr-Jun;19(2):199-204

Prevention of age-related hypertriglyceridemia by caloric restriction and exercise training in the rat. Reaven GM, et al. **Metabolism** 1981 Oct;30(10):982-6

The medical management of obesity. Schteingart DE. **Mich Med** 1981 Jun;80(17):322-4

From beltline to steering wheel: the vanishing space. An informal study of persistent weight gain of truck drivers. Rather RJ, et al. **SD J Med** 1981 Mar;24(3):21-4

DIETARY CARBOHYDRATES

Diet and muscle metabolism in man with reference to fat and carbohydrate utilization and its regulation. Jansson E. **Acta Physiol Scand [Suppl]** 1980;487:1-24

The role of dietary carbohydrates in muscle glycogen resynthesis after strenuous running. Costill DL, et al. **Am J Clin Nutr** 1981 Sep;34(9):1831-6

HDL-cholesterol as a negative risk factor. Rifkind BM. **Curr Concepts Nutr** 1981;10:79-87

Comparison of carbohydrate-containing and carbohydrate-restricted hypocaloric diets in the treatment of obesity. Endurance and metabolic fuel homeostasis during strenuous exercise. Bogardus C, et al. **J Clin Invest** 1981 Aug; 68(2):399-404

[Serum triglycerides and cholesterol fractions in 2 groups of young women: effect of diet and degree of motor activity] Reggiani E, et al. **Arch E Maragliano Patol Clin** 1979;35:13-8 (81 ref.) (Eng. Abstr.) **(Ita)**

DIETARY FATS

Diet and muscle metabolism in man with reference to fat and carbohydrate utilization and its regulation. Jansson E. **Acta Physiol Scand [Suppl]** 1980;487:1-24

HDL-cholesterol as a negative risk factor. Rifkind BM. **Curr Concepts Nutr** 1981;10:79-87

[Serum triglycerides and cholesterol fractions in 2 groups of young women: effect of diet and degree of motor activity] Reggiani E, et al. **Arch E Maragliano Patol Clin** 1979;35:13-8 (81 ref.) (Eng. Abstr.) **(Ita)**

DIETARY PROTEINS

Nutrition and protein turnover in man. Waterlow JC, et al. **Br Med Bull** 1981 Jan;37(1):5-10 (35 ref.)

[Serum triglycerides and cholesterol fractions in 2 groups of young women: effect of diet and degree of motor activity] Reggiani E, et al. **Arch E Maragliano Patol Clin** 1979;35:13-8 (81 ref.) (Eng. Abstr.) **(Ita)**

DISLOCATIONS

Anterolateral rotatory instability of the knee. An analysis of the Ellison procedure. Hanks GA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):225-32

Clinical characteristics of patellar disorders in young athletes. Reider B, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):270-4

Lateral roentgenographic projections of the acromioclavicular joint. Waldrop JI, et al. **Am J Sports Med** 1981 Sep-Oct; 9(5):337-41

[Experiences and results of replacement of the fibulo-talar ligaments in relatively old ankle-joint traumas (author's transl)] Nizard M, et al. **Aktuel Traumatol** 1981 Jun;11(3):103-7 (Eng. Abstr.) **(Ger)**

[Transmalleolar fixation suture for treatment of peroneal tendon dislocations (author's transl)] Hundemer W. **Unfallheilkunde** 1981 Jun;84(6):237-9 (Eng. Abstr.) **(Ger)**

[Treatment of the medial, anterior dislocation of clavicula (author's transl)] Jókai I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1980;23(2):118-22 (Eng. Abstr.) **(Hun)**

DIVING

Scuba diving hazards: health counseling. Josephson S. **Am J Nurs** 1981 Aug;81(8):1458-61

Scuba diving hazards: emergency management. Osguthorpe NC, et al. **Am J Nurs** 1981 Aug;81(8):1456-8

Multiple hyperbaric exposures during pregnancy in sheep. Nemiroff MJ, et al. **Am J Obstet Gynecol** 1981 Jul 15;140(6):651-5

Scuba diving during pregnancy: a brief review. Newhall JF Jr. **Am J Obstet Gynecol** 1981 Aug 15;140(8):893-4

Decompression sickness [letter] **Aviat Space Environ Med** 1981 Jul; 52(7):421

A noninvasive technique for monitoring blood urea in humans during hyperbaric exposure. Gilman SC, et al. **Aviat Space Environ Med** 1981 Jul;52(7):392-3

Chokes--favorable response to delayed recompression therapy: a case report. Greenstein A, et al. **Aviat Space Environ Med** 1981 Sep;52(9):558-60

The transportable recompression rescue chamber as an alternative to delayed treatment in serious diving accidents. Melamed Y.

et al. **Aviat Space Environ Med** 1981 Aug;52(8):480-4

Choice of candidates for saturated diving in the light of psychophysiological and psychiatric-neurological examinations. Dolmierski R, et al. **Bull Inst Marit Trop Med Gdynia** 1980; 31(3-4):157-64

Interaction of fastigial pressure response and depressor response to nasal perfusion. Dormer KJ, et al. **J Auton Nerv Syst** 1980 Oct;2(3):269-80

Skeletal and pulmonary radiology changes in divers. Davidson JK. **J Soc Occup Med** 1981 Jul;31(3):85-92

Aseptic bone necrosis in commercial divers. A report from the Decompression Sickness Central Registry and Radiological Panel. **Lancet** 1981 Aug 22;2(8243):384-8

Sudden deafness and scuba divers [letter] Roydhouse N. **NZ Med J** 1981 Feb 25;93(678):131

The role of computed tomography in the management of dysbaric diving accidents. Kizer KW. **Radiology** 1981 Sep;140(3):705-7

Control of HPNS in humans during rapid compression with trimix to 650 m (2131 ft). Bennett PB, et al. **Undersea Biomed Res** 1981 Jun;8(2):85-100

[Acute abdomen after jumping into water] Vlček J. **Rozhl Chir** 1981 Jun;60(6):408-10 (Eng. Abstr.) **(Cze)**

[Regulation of extracellular acid-base balance in animals (author's transl)] Truchot JP. **J Physiol (Paris)** 1981;77(4-5):529-80 (397 ref.) (Eng. Abstr.) **(Fre)**

[EEG-audiometry at hyperbaric environments (author's transl)] Tantschev KS, et al. **Laryngol Rhinol Otol (Stuttg)** 1980; 59(12):834-9 (Eng. Abstr.) **(Ger)**

DOPING IN SPORTS

Experimental random spot testing for drugs in sportsmen. Lucking MT. **Br J Sports Med** 1981 Mar;15(1):33-8

The effect of induced erythrocythemia upon 5-mile treadmill run time. Williams MH, et al. **Med Sci Sports Exerc** 1981; 13(3):169-75

Use of phenylbutazone in competitions. Vogel C. **Vet Rec** 1981 Mar 21;108(12):248

DUPUYTREN'S CONTRACTURE

[The treatment of Dupuytren's contracture from the medical gymnastic standpoint] Bertsch V. **Handchirurgie** 1980; 12(1-2):119-23 (Eng. Abstr.) **(Ger)**

ECHOCARDIOGRAPHY

Management of refractory congestive heart failure with prazosin. Awan NA, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):626-34 (32 ref.)

Two dimensional echocardiographic evaluation of exercise-induced left and right ventricular asynergy: correlation with thallium scanning. Maurer G, et al. **Am J Cardiol** 1981 Oct; 48(4):720-7

Two dimensional echocardiographic analysis of wall motion abnormalities during handgrip exercise in patients with coronary artery disease. Mitamura H, et al. **Am J Cardiol** 1981 Oct; 48(4):711-9

Echocardiographic dimensions and maximal oxygen uptake in oarsmen during training. Wieling W, et al. **Br Heart J** 1981 Aug; 46(2):190-5

Combined exercise echocardiography [letter] Berberich SN, et al. **Chest** 1981 Sep;80(3):336

Non-invasive evaluation by thermistor plethysmography of left ventricular performance during dynamic exercise. Comparison with echocardiography. Ferro G, et al. **Jpn Heart J** 1981 May; 22(3):335-43

Echocardiographic examination of women collegiate softball champions. Rubal BJ, et al. **Med Sci Sports Exerc** 1981, 13(3):176-9

[Echocardiographic values of healthy children in relation to ergometric performance (author's transl)] Bachl N, et al. **Z Kardiol** 1980 Dec;69(12):845-51 (Eng. Abstr.) **(Ger)**

[Hemodynamic and exercise capacity in a 72 years old patient under a ventricular and bifocal pacemaker (author's transl)] Bienmüller H, et al. **Z Kardiol** 1981 Jun;70(6):488-91 (Eng. Abstr.) **(Ger)**

[Exercise echocardiography: II. Interventricular septal wall dynamics in patients with left anterior descending coronary disease during recovery (author's transl)] Naito H, et al. **J Cardiogr** 1981 Mar;11(1):79-88 (Eng. Abstr.) **(Jpn)**

[Exercise echocardiography: interventricular septal thickness and motion in patients with effort angina during ergometer exercise (author's transl)] Takahashi Y, et al. **J Cardiogr** 1981 Mar; 11(1):67-78 (Eng. Abstr.) **(Jpn)**

[Evaluation of myocardial contractility in healthy elderly men by dynamic exercise echocardiography (author's transl)] Tamaki H. **Nippon Ronen Igakkai Zasshi** 1981 Mar;18(2):88-96 (Eng. Abstr.) **(Jpn)**

[Effect of isometric exertion (handgrip) on left-ventricular activity in angina pectoris evaluated by ultrasonocardiography] Trojnar R, et al. **Kardiol Pol** 1981;24(6):439-44 (Eng. Abstr.) **(Pol)**

[Changes in intracardiac hemodynamics and the tolerance for physical loading as affected by Nitrong in persons suffering from ischemic heart disease] Gasilin VS, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981; 4(1):59-64 (Eng. Abstr.) **(Rus)**

[Intracardiac hemodynamics and myocardial contractile function indices in chronic ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1981 Jun;21(6):51-5 (Eng. Abstr.) **(Rus)**

[Electro- and echocardiographic changes during an angina attack in an ergometrine pharmacological test] Shevchenko OP, et al. **Kardiologiia** 1981 Jun;21(6):62-7 (Eng. Abstr.) **(Rus)**

EDUCATION OF MENTALLY RETARDED

[Sports and motor development in rehabilitation of the disabled in the South of France - report of a study visit (author's transl)] Dordel HJ, et al. **Rehabilitation (Stuttg)** 1981 May;20(2):76-81 (Eng. Abstr.) **(Ger)**

ELBOW

Influence of resistance, speed of movement, and forearm position on recruitment of the elbow flexors. Stewart OJ, et al. **Am J Phys Med** 1981 Aug;60(4):165-71

Elbow injury in women's gymnastics. Priest JD, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):28[illegible]-95

The treatment of sports injuries by local injection. Bentley S. **Br J Sports Med** 1981 Mar;15(1):71-4

Avulsion fracture of the medical epicondyle of the elbow in a young javelin thrower. Haw DW. **Br J Sports Med** 1981 Mar; 15(1):47

Human motor unit activity during the onset of muscle fatigue in submaximal isometric isotonic contraction. Maton B. **Eur J Applied Physiol** 1981;46(3):271-81

ELBOW JOINT

Nonarticular osteochondroses. Katz JF. **Clin Orthop** 1981 Jul-Aug; (158):70-6

Evaluation of upper extremity function in 70-year-old men and women. Sperling L. **Scand J Rehabil Med** 1980;12(4):139-44

[Muscle lift for epicondylitis lateralis humeri] Havelin LI, et al. **Tidsskr Nor Laegeforen** 1981 May;101(15):954-5 (Eng. Abstr.) **(Nor)**

ELECTROCARDIOGRAPHY

Comparison of upright and supine bicycle exercise in the detection and evaluation of extent of coronary artery disease by equilibrium radionuclide ventriculography. Freeman MR, et al. **Am Heart J** 1981 Aug;102(2):182-9

Quantitative radionuclide angiography in assessment of hemodynamic changes during upright exercise: observations in normal subjects, patient with coronary artery disease and patients with aortic regurgitation. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):239-46

Value of exercise thallium-201 imaging in patients with diagnostic and nondiagnostic exercise electrocardiograms. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):233-8

Pressure-volume overload hypothesis: can it be supported? [letter] Lamont LS. **Am J Cardiol** 1981 Aug;48(2):390-1

Septal Q wave in exercise testing: angiographic correlation. Morales-Ballejo H, et al. **Am J Cardiol** 1981 Aug; 48(2):247-51

Comparative study of myocardial ischemia during angina at rest and on exertion using thallium-201 scintigraphy. Uthurralt N, et al. **Am J Cardiol** 1981 Sep;48(3):410-7

Double-blind, randomized, placebo-controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris. Johnson SM, et al. **Am J Med** 1981 Sep; 71(3):443-51

R wave amplitude during exercise [letter] Carbonin PU, et al. **Br Heart J** 1981 Aug;46(2):224-5

Clinical significance of exercise-induced ST segment elevation. Correlative angiographic study in patients with ischaemic heart disease. de Feyter PJ, et al. **Br Heart J** 1981 Jul;46(1):84-92

Comparative sensitivity evaluation of AVSEP electrocardiographic monitoring check and Master's double 2 step test in patients with ischemic heart disease and arrhythmias. Fukuda I, et al. **Bull Osaka Med Sch** 1980 Jul;26(1):51-7

Prediction of severity of coronary artery disease using slope of submaximal ST segment/heart rate relationship. Elamin MS, et al. **Cardiovasc Res** 1980 Dec;14(12):681-91

Effects of treadmill exercise on total and myocardial creatine phosphokinase. Bornheimer JF, et al. **Chest** 1981 Aug; 80(2):146-8

Radionuclide angiographic correlation of the R wave, ejection fraction, and volume responses to upright bicycle exercise. Greenberg PS, et al. **Chest** 1981 Oct;80(4):459-64

PHYSICAL FITNESS/SPORTS MEDICINE

ELECTROCARDIOGRAPHY

Differentiation of false- from true-positive ECG responses to exercise stress by thallium 201 perfusion imaging. Guiney TE, et al. **Chest** 1981 Jul;80(1):4-10

Exercise thallium 201 scintigraphy in evaluating aortocoronary bypass surgery. Iskandrian AS, et al. **Chest** 1981 Jul; 80(1):11-5

Effects of nitrates on R-wave variations after exercise in coronary heart disease: differences in patients with and without angina pectoris. Lerman J, et al. **Chest** 1981 Aug;80(2):137-41

Respiratory alkalemia during exercise reduces angina threshold. Neill WA, et al. **Chest** 1981 Aug;80(2):149-53

The prognostic value of submaximal exercise testing with radionuclide ventriculography before hospital discharge in patients with recent myocardial infarction. Corbett JR, et al. **Circulation** 1981 Sep;64(3):535-44

The use of propranolol and nifedipine in the medical management of angina pectoris. Fox KM, et al. **Clin Cardiol** 1981 May; 4(3):125-9

Persistence of improved exercise tolerance and degree of revascularization after coronary bypass surgery. A prospective randomized study. Frick MH, et al. **Clin Cardiol** 1979 Apr; 2(2):81-6

Comprehensive analysis of exertional ECG changes before and after oral propranolol. Hossack KF, et al. **Clin Cardiol** 1979 Aug; 2(4):272-80

Coronary artery disease confined to secondary branches of the left coronary system. Iskandrian AS, et al. **Clin Cardiol** 1981 May; 4(3):130-3

Variability of exercise performance during long-term placebo treatment. McGraw BF, et al. **Clin Pharmacol Ther** 1981 Sep; 30(3):321-7

Variable threshold of exertional angina: a clue to a vasospastic component. Brunelli C, et al. **Eur Heart J** 1981 Apr; 2(2):155-61

Myocardial bridges and ischemic heart disease. Rossi L, et al. **Eur Heart J** 1980 Aug;1(4):239-45

Electrical activity of the heart in boys aged 10-12 years during running. Vorob'ev AT, et al. **Hum Physiol** 1980 Nov-Dec; 6(6):449-54

Quantitative thallium-201 exercise scintigraphy for detection of coronary artery disease. Berger BC, et al. **J Nucl Med** 1981 Jul; 22(7):585-93

The relationship between QT interval and heart rate during physiological exercise and pacing. Akhras F, et al. **Jpn Heart J** 1981 May;22(3):345-51

Asymptomatic diabetic females. Exercise testing. Rubler S. **NY State J Med** 1981 Jul;81(8):1185-91

Occurrence of ST segmental electrical alternans during exercise test [letter] Rozanski JJ, et al. **PACE** 1981 May;4(3):339-40

ECG effects of aerobic dance: a study of five exercise-conditioned young women. Metcalf JA, et al. **Postgrad Med** 1981 Aug; 70(2):219-23

A hand held electrode for quick assessment of the EKG. Carter DR. **Res Q Exerc Sport** 1981 May;52(2):256-63

Exercise electrocardiogram in patients with normal and abnormal coronary arteriogram. Jonasson R, et al. **Scand J Clin Lab Invest** 1980;40(8):775-82

[Hemodynamic actions on alinidine during exercise in patients with coronary artery disease. Löllgen H, et al. **Z Kardiol** 1981 May; 70(5):425-8

[Telemetry and its significance in the rehabilitation of acute myocardial infarction (author's transl)] Dvořák I, et al. **Cas Lek Cesk** 1981 Jul 30;120(29-30):902-6 (Eng. Abstr.)**(Cze)**

[Status of the circulatory system in hikers from 40 to 67 years of age participating in long hikes] Vizinová H. **Vnitr Lek** 1981 Aug;27(8):779-85 (Eng. Abstr.) **(Cze)**

[Improved myocardial function after transluminal coronary angioplasty (author's transl)] Klepzig H Jr, et al. **Herz** 1981 Aug; 6(4):252-8 (Eng. Abstr.) **(Ger)**

[Comparison of the hemodynamic effects of a standardized karate exercise and bicycle ergometry] Chu D, et al. **Schweiz Med Wochenschr** 1981 Jun 27;111(26):1020 (Eng. Abstr.) **(Ger)**

[Physical strain during tocolysis of premature labour (author's transl)] Steyer M, et al. **Z Geburtshilfe Perinatol** 1981 Apr; 185(2):89-93 (Eng. Abstr.) **(Ger)**

[Relation between HDL cholesterol and ECG findings] Bergert KD, et al. **Z Gesamte Inn Med** 1981 Jul 1;36(13):462-4 (Eng. Abstr.) **(Ger)**

[Results of electrocardiographic examinations and exercise tests in 18 year old male recruits (author's transl)] Renner F, et al. **Z Kardiol** 1981 Jun;70(6):495-9 (Eng. Abstr.) **(Ger)**

[Electrocardiographic differential diagnosis of ischemic and aspecific anomalies of ventricular repolarization] Mosti GB, et al. **Boll Soc Ital Cardiol** 1980;25(7):731-45 (Eng. Abstr.) **(Ita)**

[Exercise test in women with abnormal ecg (author's transl)] Ghilardi P, et al. **G Ital Cardiol** 1980;10(12):1634-80 (Eng. Abstr.) **(Ita)**

[Ventricular tachycardia caused by the use of amiodarone. Report of a case] Curti HV, et al. **Arq Bras Cardiol** 1981 Jan; 36(1):49-51 (Eng. Abstr.) **(Por)**

[Physical work capacity in isometric and dynamic regimens in patients with stenocardia and cardiac-type neurocirculatory dystonia] Volkov VS, et al. **Kardiologiia** 1981 Apr;21(4):26-9 (Eng. Abstr.) **(Rus)**

ELECTROMYOGRAPHY

Autosomal dominant late adult spinal muscular atrophy, type Finkel. Richieri-Costa A, et al. **Am J Med Genet** 1981; 9(2):119-28

Influence of resistance, speed of movement, and forearm position on recruitment of the elbow flexors. Stewart OJ, et al. **Am J Phys Med** 1981 Aug;60(4):165-79

Intraarticular iliotibial band reconstruction for anterior cruciate ligament insufficiency. Yost JG, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):220-4

Muscle formation in Ehlers-Danlos syndrome. Bilkey WJ, et al. **Arch Phys Med Rehabil** 1981 Sep;62(9):444-8

Quantification through the surface EMG of muscle fatigue and recovery during successive isometric contractions. Petrofsky JS. **Aviat Space Environ Med** 1981 Sep;52(9):545-50

Effects of relaxation and/or biofeedback training upon hip flexion in gymnasts. Wilson VE, et al. **Biofeedback Self Regul** 1981 Mar; 6(1):25-34

Effects of structured relaxation on retrieval from long term storage: an EMG study. Jones DM, et al. **Biol Psychol** 1980 Aug; 11(1):37-44

Tremor. Findley LJ, et al. **Br J Hosp Med** 1981 Jul; 26(1):16-32

Electrophysiological studies of gait in spasticity and rigidity. Evidence that altered mechanical properties of muscle contribute to hypertonia. Dietz V, et al. **Brain** 1981 Sep;104(3):431-49

Comparison of the recruitment and discharge properties of motor units in human brachial biceps and adductor pollicis during isometric contractions. Kukulka CG, et al. **Brain Res** 1981 Aug 24;219(1):45-55

Electromyographic study of the trapezius (pars media) and rhomboideus major muscles in movements of the arm (part 2). De Freitas V, et al. **Electromyogr Clin Neurophysiol** 1981 Jun-Aug;21(5):479-85

Function of the quadriceps femoris muscle under the full range of forces and differing contraction velocities of concentric work. Eloranta V, et al. **Electromyogr Clin Neurophysiol** 1981 Apr-May;21(4):419-31

dT-dL analysis of the loading effect on surface electromyogram. Ohkoshi K, et al. **Electromyogr Clin Neurophysiol** 1981 Jun-Aug; 21(5):449-67

The time of completed motor acts and impulse activity of single motor units according to the training level and sport specialization of tested persons. Saplinskas JS, et al. **Electromyogr Clin Neurophysiol** 1980 Oct-Dec;20(6):529-39

Human motor unit activity during the onset of muscle fatigue in submaximal isometric isotonic contraction. Maton B. **Eur J Applied Physiol** 1981;46(3):271-81

Running symposium. Mann RA, et al. **Foot Ankle** 1981 Jan; 1(4):190-224

Muscular endurance and surface electromyogram in isometric and dynamic exercise. Hagberg M. **J Appl Physiol** 1981 Jul; 51(1):1-7

Interactions between fatiguing and nonfatiguing isometric contractions. Stafford DE, et al. **J Appl Physiol** 1981 Aug; 51(2):399-404

An electromyographic and cephalometric study on facial pains and facial morphology in children. Christensen LV. **J Oral Rehabil** 1981 May;8(3):267-77

Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198-204

Skiing research in Japan. Watanabe K. **Med Sci Sports Exerc** 1981; 13(3):205-9

Factors which affect shivering in man during cold water immersion. Martin S, et al. **Pflugers Arch** 1981 Jul; 391(1):81-3

Contralateral effects of upper extremity proprioceptive neuromuscular facilitation patterns. Pink M. **Phys Ther** 1981 Aug; 61(8):1158-62

[Electromyographic study of trapezius (middle portion) and rhomboideus major muscles submitted to an isometric tension (author's transl)] de Freitas V, et al. **Anat Anz** 1981; 149(2):176-84 (Eng. Abstr.) **(Fre)**

[Electroneurographic findings in cyclist's palsy (author's transl)] Krause KH, et al. **EEG EMG** 1981 Jun;12(2):90-3 (Eng. Abstr.) **(Ger)**

[An experimental study on the functional recovery of denervated muscles--effects of stump rotation in nerve suture (author's transl)] Nagano A. **Nippon Seikeigeka Gakkai Zasshi** 1981 Apr; 55(4):345-55 (Eng. Abstr.) **(Jpn)**

[Strength of the muscles of the maxillofacial area in physiological bite in preschool children] Molokov VD.

Stomatologiia (Mosk) 1981;60(4):55-6 (Eng. Abstr.) **(Rus)**

ENERGY METABOLISM

Obesity: is obesity metabolic? Jung RT, et al. **Br J Hosp Med** 1980 Dec;24(6):503-9

A nutritional study of Irish athletes. Barry A, et al. **Br J Sports Med** 1981 Jun;15(2):99-109

Improvisation of a simple device in measuring the anaerobic power of Indian male and female athletes. Kansal DK, et al. **Br J Sports Med** 1981 Jun;15(2):136-40

Effect of tourniquet ischaemia on muscle energy metabolism in meniscectomy patients. Pääkkönen M, et al. **Br J Sports Med** 1981 Sep;15(3):167-71

Nutrition and protein turnover in man. Waterlow JC, et al. **Br Med Bull** 1981 Jan;37(1):5-10 (35 ref.)

Physical activity and physical fitness levels of Belgian males aged 40-55 years. De Backer G, et al. **Cardiology** 1981; 67(2):110-28

Exercise. Felig P. **Curr Concepts Nutr** 1981;10:165-72

Physiological and muscle enzyme adaptations to two different intensities of swim training. Houston ME, et al. **Eur J Applied Physiol** 1981;46(3):283-91

The energy cost of walking and running with and without a backpack load. Keren G, et al. **Eur J Applied Physiol** 1981; 46(3):317-24

Efficiency of increased energy expenditure during adaptation to heat. Novozhilov GN. **Hum Physiol** 1980 Nov-Dec; 6(6):397-400

Metabolic fuels and the capacity for exercise during hypocaloric diet. Bogardus C, et al. **Int J Obes** 1981;5(3):295-6

Respiratory physiology of exercise: metabolism, gas exchange, and ventilatory control. Wasserman K, et al. **Int Rev Physiol** 1981; 23:149-211 (211 ref.)

Energy expenditure during load carriage at high altitude. Cymerman A, et al. **J Appl Physiol** 1981 Jul;51(1):14-8

Comparison of carbohydrate-containing and carbohydrate-restricted hypocaloric diets in the treatment of obesity. Endurance and metabolic fuel homeostasis during strenuous exercise. Bogardus C, et al. **J Clin Invest** 1981 Aug; 68(2):399-404

Estimation of energy metabolism in human skeletal muscle homogenate as a diagnostic aid. Ruitenbeek W, et al. **J Inherited Metab Dis** 1981;4(2):91-2

Relationship between iron status and exercise in male and female growing rats. Bowering J, et al. **J Nutr** 1981 Sep; 111(9):1648-57

Specificity of training: selective aspects of running. Perez HR. **J Sports Med Phys Fitness** 1981 Mar;21(1):68-73

A biomechanical study of the triple jump. Fukashiro S, et al. **Med Sci Sports Exerc** 1981;13(4):233-7

Effects of exercise on protein and amino acid metabolism. Lemon PW, et al. **Med Sci Sports Exerc** 1981;13(3):141-9

Nutrition and athletic performance. Smith NJ. **Med Times** 1981 Aug;109(8):92-107

Ventromedial hypothalamic lesions reduce the number of NA+, K+-ATPase enzyme units in skeletal muscle of weanling rats. Vander Tuig JG, et al. **Proc Soc Exp Biol Med** 1981 Sep; 167(4):475-9

Energy cost of rebound-running. Katch VL, et al. **Res Q Exerc Sport** 1981 May;52(2):269-72

[Malnutrition in 3 hospital populations] Labadarios D, et al. **S Afr Med J** 1981 Aug 1;60(5):213-6 (Eng. Abstr.) **(Afr)**

[Physical activity and coronary artery disease (author's transl)] Fellmann H. **Praxis** 1980 Nov 4;69(44):1602-8 (Eng. Abstr.) **(Ger)**

[Energy metabolism in pregnant and non-pregnant myometrium] Herrmann U Jr, et al. **Schweiz Z Sportmed** 1981 Jun; 29(2):53-9 (Eng. Abstr.) **(Ger)**

[Metabolic and hormonal response to physical exercise under acute beta 1-adrenergic blockade (author's transl)] Kindermann W, et al. **Z Kardiol** 1981 May;70(5):406-12 (Eng. Abstr.) **(Ger)**

[Comparative study of energy metabolism in the liver and skeletal muscles of rat and rabbit. Effect of starvation] Kosenko EA. **Biokhimiia** 1981;46(8):1389-95 (Eng. Abstr.) **(Rus)**

EPINEPHRINE

The effect of light exercise on the plasma superoxide dismutase activity and on the plasma noradrenaline concentration. Minami M, et al. **Ind Health** 1981;19(2):133-8

Reduced norepinephrine response to dynamic exercise in human subjects during O2 breathing. Hesse B, et al. **J Appl Physiol** 1981 Jul;51(1):176-8

Biochemical variability in a tenr sports situation. Biersner RJ, et al. **J Human Stress** 1981 Sep;7(3):12-7

Note on estimating catecholamines in urine sampled after 75-min periods of mental work and inactivity. Forsman L. **J Psychosom Res** 1981;25(3):223-5

The effect of catecholamines or sodium lactate on blood lactate distribution in the rat. Aragno R. **J Sports Med Phys Fitness** 1981 Mar;21(1):7-14

Effect of prolonged exercise on plasma prostaglandin levels. Demers LM, et al. **Prostaglandins Med** 1981 Apr;6(4):413-8

[Effect of muscular exercise and metabolic control on cortisol, growth hormone, plasma-epinephrine and plasma-norepinephrine in type-I diabetics [author's transl)] Mühlhauser I, et al. **Acta Med Austriaca** 1981;8(2):48-53 (Eng. Abstr.) **(Ger)**

[Exercise-induced platelet aggregation: in vitro and ex-vivo aggregation of human platelets after administration of crystalline adrenaline and after ergometric exercise (author's transl)] Rieger H, et al. **Dtsch Med Wochenschr** 1981 Jul 17; 106(29-30):942-5 (Eng. Abstr.) **(Ger)**

[Plasma catecholamines, metabolic substrates, aerobic and anaerobic capacity during graduated treadmill and bicycle ergometer exercise (author's transl)] Lehmann M, et al. **Klin Wochenschr** 1981 Jun 1;59(11):553-9 (Eng. Abstr.) **(Ger)**

[Metabolic and hormonal response to physical exercise under acute beta 1-adrenergic blockade (author's transl)] Kindermann W, et al. **Z Kardiol** 1981 May;70(5):406-12 (Eng. Abstr.) **(Ger)**

[Metabolism of myocardial catecholamines and plasma catecholamine levels in patients with chronic aortic regurgitation (author's transl)] Mäurer W, et al. **Z Kardiol** 1981 Jul; 70(7):540-6 (Eng. Abstr.) **(Ger)**

[Kinetics of myocardial isometric relaxation in patients with congenital and acquired heart defects] Markhasin VS, et al. **Biull Eksp Biol Med** 1981 May;91(5):557-9 (Eng. Abstr.) **(Rus)**

ERGOCALCIFEROL

Treatment of postmenopausal osteoporosis: some current concepts. Chesnut CH 3d. **Scott Med J** 1981 Jan;26(1):72-80

EXERCISE, ISOMETRIC

A normative assessment technique for isotonic strength in college males on the universal gym. Patton RW, et al. **Am Correct Ther J** 1981 May-Jun;35(3):78-81

Quantification through the surface EMG of muscle fatigue and recovery during successive isometric contractions. Petrofsky JS. **Aviat Space Environ Med** 1981 Sep;52(9):545-50

Noninvasive assessment of changes in left ventricular function induced by graded isometric exercise in healthy subjects. Ehsani AA, et al. **Chest** 1981 Jul;80(1):51-5

Glycogen-depletion patterns with isometric and isokinetic exercise in patients after leg injury. Hultén B, et al. **Clin Sci** 1981 Jul; 61(1):35-42

Estimation of myodynamic parameter values from observations on isometrically contracting muscle groups. Hatze H. **Eur J Applied Physiol** 1981;46(4):325-38

Human motor unit activity during the onset of muscle fatigue in submaximal isometric isotonic contraction. Maton B. **Eur J Applied Physiol** 1981;46(3):271-81

Muscular endurance and surface electromyogram in isometric and dynamic exercise. Hagberg M. **J Appl Physiol** 1981 Jul; 51(1):1-7

Blood flow and metabolism during isometric contractions in cat skeletal muscle. Petrofsky JS, et al. **J Appl Physiol** 1981 Mar; 50(3):493-502

Interactions between fatiguing and nonfatiguing isometric contractions. Stafford DE, et al. **J Appl Physiol** 1981 Aug; 51(2):399-404

Discharge characteristics and stretch sensitivity of jaw muscle afferents in the monkey during controlled isometric bites. Larson CR, et al. **J Neurophysiol** 1981 Jul;46(1):130-42

An electromyographic and cephalometric study on facial pains and facial morphology in children. Christensen LV. **J Oral Rehabil** 1981 May;8(3):267-77

Cardiovascular and metabolic responses to isometric exercise of athletes and non-athletes. Rajikin MH. **Med J Malaysia** 1980 Sep;35(1):46-52

Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198-204

Factors which affect shivering in man during cold water immersion. Martin S, et al. **Pflugers Arch** 1981 Jul; 391(1):81-3

Effects of isometric muscle training on residual limb volume, strength, and gait of below-knee amputees. Kegel B, et al. **Phys Ther** 1981 Oct;61(10):1419-26

Isometric knee extension and plantar flexion muscle fatigue and fiber type composition in female distance runners. Kroll W, et al. **Res Q Exerc Sport** 1981 May;52(2):200-7

Isometric and isokinetic quadriceps muscle strength in 70-year-old men and women. Aniansson A, et al. **Scand J Rehabil Med** 1980; 12(4):161-8

Exercise prescription. Wenger NK. **Singapore Med J** 1981 Apr; 22(2):68-75 (66 ref.)

[Electromyographic study of trapezius (middle portion) and

PHYSICAL FITNESS/SPORTS MEDICINE

EXERCISE, ISOMETRIC

rhomboideus major muscles submitted to an isometric tension (author's transl)] de Freitas V, et al. **Anat Anz** 1981; 149(2):176-84 (Eng. Abstr.) **(Fre)**

[Industrial physiology aspects of the cardiovascular reaction in static muscle work] Kramer H, et al. **Z Gesamte Hyg** 1981; 27(1):34-8 (Eng. Abstr.) **(Ger)**

[Rheographic evaluation of peripheral blood flow during isometric exercise] Cifaldi S, et al. **Boll Soc Ital Biol Sper** 1980 Feb 29; 56(4):369-75 (Eng. Abstr.) **(Ita)**

[Physical work capacity in isometric and dynamic regimens in patients with stenocardia and cardiac-type neurocirculatory dystonia] Volkov VS, et al. **Kardiologiia** 1981 Apr;21(4):26-9 (Eng. Abstr.) **(Rus)**

[Effect of a flight on the Cosmos-936 biosatellite on the contractile properties of rat muscle fibers] Oganov VS, et al. **Kosm Biol Aviakosm Med** 1981 Jun-Jul;15(4):58-61 (Eng. Abstr.) **(Rus)**

EXERCISE TEST

Altered exercise ventilatory responses by apparent propranolol-diminished glucose metabolism: implications concerning impaired physical training benefit in coronary patients. Hossack KF, et al. **Am Heart J** 1981 Sep; 102(3 Pt 1):378-82

Effect of propranolol on postexercise left ventricular ejection time index. Boudoulas H, et al. **Am J Cardiol** 1981 Aug; 48(2):357-60

The inconsistent pattern of thallium defects: a clue to the false positive perfusion scintigram. Dunn RF, et al. **Am J Cardiol** 1981 Aug;48(2):224-32

Value of exercise thallium-201 imaging in patients with diagnostic and nondiagnostic exercise electrocardiograms. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):233-8

Quantitative radionuclide angiography in assessment of hemodynamic changes during upright exercise: observations in normal subjects, patient with coronary artery disease and patients with aortic regurgitation. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):239-46

Two dimensional echocardiographic evaluation of exercise-induced left and right ventricular asynergy: correlation with thallium scanning. Maurer G, et al. **Am J Cardiol** 1981 Oct; 48(4):720-7

Septal Q wave in exercise testing: angiographic correlation. Morales-Ballejo H, et al. **Am J Cardiol** 1981 Aug; 48(2):247-51

Stress thallium-201 myocardial scintigraphy for the detection of individual coronary arterial lesions in patients with and without previous myocardial infarction. Rigo P, et al. **Am J Cardiol** 1981 Aug;48(2):209-16

Digoxin-induced positive exercise tests: their clinical and prognostic significance. Sketch MH, et al. **Am J Cardiol** 1981 Oct;48(4):655-9

Cardiovascular responses to static and dynamic effort three weeks after myocardial infarction. Korhonen UR, et al. **Ann Clin Res** 1980 Aug;12(4):145-51

Dynamic and static exercise haemodynamics after acute myocardial infarction. Korhonen UR. **Ann Clin Res** 1980 Aug;12(4):152-9

Correction: treadmill testing figure [letter] **Ann Intern Med** 1981 Aug;95(2):246

Staging after myocardial infarction [letter] Mautner RK. **Ann Intern Med** 1981 Oct;95(4):514

Exercise-triggered paroxysmal ventricular tachycardia. A repetitive rhythmic activity possibly related to afterdepolarization. Wu D, et al. **Ann Intern Med** 1981 Oct; 95(4):410-4

Thermal and glycemic responses during mild exercise in +5 to -15 degrees C environments following alcohol ingestion. Graham TE. **Aviat Space Environ Med** 1981 Sep;52(9):517-22

Eight-year follow-up of exercise electrocardiograms in healthy, middle-aged aviators. MacIntyre NR, et al. **Aviat Space Environ Med** 1981 Apr;52(4):256-9

R wave amplitude during exercise [letter] Carbonin PU, et al. **Br Heart J** 1981 Aug;46(2):224-5

Comparison of physical work capacity and systolic time intervals with ventricular inhibited and atrial synchronous ventricular inhibited pacing. Kruse I, et al. **Br Heart J** 1981 Aug; 46(2):129-36

Comparative sensitivity evaluation of AVSEP electrocardiographic monitoring check and Master's double 2 step test in patients with ischemic heart disease and arrhythmias. Fukuda I, et al. **Bull Osaka Med Sch** 1980 Jul;26(1):51-7

Relative cardiac efficiency and ST depression during progressive exercise test. Berenyi I, et al. **Cardiology** 1981;68(1):54-8

Prediction of severity of coronary artery disease using slope of submaximal ST segment/heart rate relationship. Elamin MS, et al. **Cardiovasc Res** 1980 Dec;14(12):681-91

Radionuclide angiographic correlation of the R wave, ejection fraction, and volume responses to upright bicycle exercise. Greenberg PS, et al. **Chest** 1981 Oct;80(4):459-64

Differentiation of false- from true-positive ECG responses to exercise stress by thallium 201 perfusion imaging. Guiney TE, et al. **Chest** 1981 Jul;80(1):4-10

Effects of nitrates on R-wave variations after exercise in coronary heart disease: differences in patients with and without angina pectoris. Lerman J, et al. **Chest** 1981 Aug;80(2):137-41

Respiratory alkalemia during exercise reduces angina threshold. Neill WA, et al. **Chest** 1981 Aug;80(2):149-53

Exercise stress laboratories in the future. What should their capabilities be? [editorial] Willerson JT, et al. **Chest** 1981 Jul; 80(1):1-2

Impaired left ventricular diastolic filling in patients with coronary artery disease: assessment with radionuclide angiography. Bonow RO, et al. **Circulation** 1981 Aug;64(2):315-23

The prognostic value of submaximal exercise testing with radionuclide ventriculography before hospital discharge in patients with recent myocardial infarction. Corbett JR, et al. **Circulation** 1981 Sep;64(3):535-44

The exercise test in variant angina: results in 114 patients. de Servi S, et al. **Circulation** 1981 Oct;64(4):684-8

Reproducibility of exercise testing [letter] Spodick DH. **Circulation** 1981 Oct;64(4):868

Risk stratification with low-level exercise testing 2 weeks after acute myocardial infarction. Weld FM, et al. **Circulation** 1981 Aug;64(2):306-14

Exercise-induced asthma in Nepalese children. Bangham CR, et al. **Clin Allergy** 1981 May;11(3):273-80

Persistence of improved exercise tolerance and degree of revascularization after coronary bypass surgery. A prospective randomized study. Frick MH, et al. **Clin Cardiol** 1979 Apr; 2(2):81-6

Comprehensive analysis of exertional ECG changes before and after oral propranolol. Hossack KF, et al. **Clin Cardiol** 1979 Aug; 2(4):272-80

Coronary artery disease confined to secondary branches of the left coronary system. Iskandrian AS, et al. **Clin Cardiol** 1981 May; 4(3):130-3

Effects of exercise on plasma viscosity in athletes and sedentary normal subjects. Letcher RL, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):172-9

The magnitude of exercise-induced ST segment depression and the predictive value of exercise testing. Nahormek PA, et al. **Clin Cardiol** 1979 Aug;2(4):286-90

Variability of exercise performance during long-term placebo treatment. McGraw BF, et al. **Clin Pharmacol Ther** 1981 Sep; 30(3):321-7

Myocardial bridges and ischemic heart disease. Rossi L, et al. **Eur Heart J** 1980 Aug;1(4):239-45

Acute effects of exercise on plasma concentrations of prolactin and testosterone in recreational women runners. Shangold MM, et al. **Fertil Steril** 1981 Jun;35(6):699-702

Cardiorespiratory and metabolic responses to treadmill exercise in the horse. Thomas DP, et al. **J Appl Physiol** 1981 Apr; 50(4):864-8

The relationship between exercise-induced R wave amplitude changes and QRS vector loops. Watanabe K, et al. **J Electrocardiol** 1981;14(2):129-38

Age-related changes of cardiac control function in man. With special reference to heart rate control at rest and during exercise. Sato I, et al. **J Gerontol** 1981 Sep;36(5):564-72

Functional assessment of the cardiac patient. Fastabend CP. **J La State Med Soc** 1981 Apr;133(4):49-51

Quantitative thallium-201 exercise scintigraphy for detection of coronary artery disease. Berger BC, et al. **J Nucl Med** 1981 Jul; 22(7):585-93

Blood pressure response to dynamic exercise in healthy children--black vs white. Alpert BS, et al. **J Pediatr** 1981 Oct; 99(4):556-60

Indications and contraindications for exercise testing. **JAMA** 1981 Aug 28;246(9):1015-8

In-hospital exercise after myocardial infarction does not improve treadmill performance. Sivarajan ES, et al. **N Engl J Med** 1981 Aug 13;305(7):357-62

Asymptomatic diabetic females. Exercise testing. Rubler S. **NY State J Med** 1981 Jul;81(8):1185-91

Occurrence of ST segmental electrical alternans during exercise test [letter] Rozanski JJ, et al. **PACE** 1981 May;4(3):339-40

Support responses of the cardiovascular system to exercise. Part I. Littell EH. **Phys Ther** 1981 Sep;61(9):1260-4

Value and limitations of exercise testing. Amsterdam EA. **Proc Annu Meet Med Sect Am Counc Life Insur** 1980; 5:117-25

Use of isovolume flow curves in the detection of exercise-induced bronchospasm. Rodriguez CH, et al. **Respiration** 1981; 41(2):82-9

Pre-operative exercise testing in patients suspected of arteriosclerotic heart disease: methods, risks and reproducibility. Bille-Brahe NE, et al. **Scand J Clin Lab Invest** 1981 Feb; 41(1):21-7

Exercise electrocardiogram in patients with normal and abnormal coronary arteriogram. Jonasson R, et al. **Scand J Clin Lab Invest** 1980;40(8):775–82

Exercise prescription. Wenger NK. **Singapore Med J** 1981 Apr; 22(2):68–75 (66 ref.)

Thallium 201 myocardial scintigraphy and exercise testing in patients prior to and following coronary artery revascularization. Ormand J. et al. **Tex Med** 1981 Jul;77(7):52–8

Exercise testing with multiple leads in patients with and without previous myocardial infarction. Tubau JF. **West J Med** 1981 Aug; 135(2):109–12

[Exercise electrocardiography test in internal medicine] Janota M. **Vnitr Lek** 1981 Aug;27(8):750–7 (Eng. Abstr.) **(Cze)**

[Prognostic importance of ergometric examination in men in the 6th decade of life] Rakická E, et al. **Vnitr Lek** 1981 Aug; 27(8):758–66 (Eng. Abstr.) **(Cze)**

Predictive value of early postmyocardial infarction modified treadmill exercise testing in multivessel coronary artery disease detection. Starling MR, et al. **Am Heart J** 1981 Aug; 102(2):169–75 **(eng)**

[Indirect evaluation of effort angina. Automatic and traditional analysis of the ST segment, the amplitude of the R wave and thallium scintiscanning (author's transl)] Stoupel E, et al. **Ann Cardiol Angeiol (Paris)** 1981 May;30(3):207–10 (Eng. Abstr.) **(Fre)**

[Exercise test in the diagnosis of coronary insufficiency] Ismail MB. **Tunis Med** 1981 Mar–Apr;59(2):125–8 (Eng. Abstr.) **(Fre)**

[Comparison of the hemodynamic effects of a standardized karate exercise and bicycle ergometry] Chu D, et al. **Schweiz Med Wochenschr** 1981 Jun 27;111(26):1020 (Eng. Abstr.) **(Ger)**

[Results of electrocardiographic examinations and exercise tests in 18 year old male recruits (author's transl)] Renner F, et al. **Z Kardiol** 1981 Jun;70(6):495–9 (Eng. Abstr.) **(Ger)**

[Dynamic exercise with the bicycle ergometer in normal subjects and patients with essential hypertension after induction of metabolic acidosis and alkalosis] Conte G, et al. **Boll Soc Ital Cardiol** 1980;25(7):863–6 (Eng. Abstr.) **(Ita)**

[Electrocardiographic differential diagnosis of ischemic and aspecific anomalies of ventricular repolarization] Mosti GB, et al. **Boll Soc Ital Cardiol** 1980;25(7):731–45 (Eng. Abstr.) **(Ita)**

[Exercise test in women with abnormal ecg (author's transl)] Ghilardi P, et al. **G Ital Cardiol** 1980;10(12):1634–80 (Eng. Abstr.) **(Ita)**

[Prognostic and diagnostic value of the exercise test and early coronary anamnesis in patients with myocardial infarct studied in a median term follow–up] Marra S. et al. **G Ital Cardiol** 1980; 10(12):1622–33 (Eng. Abstr.) **(Ita)**

[Evaluation of some hemo–rheological factors in a group of subjects with prior myocardial infarct submitted to exercise tests] Caimi G, et al. **Minerva Cardioangiol** 1981 Jun;29(6):295–300 (Eng. Abstr.) **(Ita)**

[Effect of isometric exertion (handgrip) on left–ventricular activity in angina pectoris evaluated by ultrasonocardiography] Trojnar R, et al. **Kardiol Pol** 1981;24(6):439–44 (Eng. Abstr.) **(Pol)**

[Practical value of determination of physical fitness in the diagnosis of functional circulatory disorders] Dziedziczko A. **Pol Tyg Lek** 1981 Mar 16;36(11):397–9 (Eng. Abstr.) **(Pol)**

[Ergometric studies during the first year after myocardial infarction in patients which died in next years of observation (author's transl)] Ziolkowski L, et al. **Przegl Lek** 1981;38(5):453–7 (Eng. Abstr.) **(Pol)**

[Changes in intracardiac hemodynamics and the tolerance for physical loading as affected by Nitrong in persons suffering from ischemic heart disease] Gasilin VS, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981; 4(1):59–64 (Eng. Abstr.) **(Rus)**

[Comparative pharmacodynamics study of korinfar and isoptin in ischemic heart disease] Savvateev KL, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981; 4(1):64–70 (Eng. Abstr.) **(Rus)**

[Intracardiac hemodynamics and myocardial contractile function indices in chronic ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1981 Jun;21(6):51–5 (Eng. Abstr.) **(Rus)**

[Cardiorespiratory system state in renovascular hypertension dynamics after surgical treatment and physical rehabilitation] Kniazeva TA, et al. **Kardiologiia** 1981;21(7):87–92 (Eng. Abstr.) **(Rus)**

[Characteristics of the reaction of the blood fibrinolytic system to physical loading in healthy persons and in elderly ischemic heart disease patients] Korkushko OV, et al. **Kardiologiia** 1981 Apr;21(4):29–33 (Eng. Abstr.) **(Rus)**

[Combined use of psychological and physical loading tests in the diagnosis of ischemic heart disease] Kvantaliani TG, et al. **Kardiologiia** 1981 Jun;21(6):68–71 (Eng. Abstr.) **(Rus)**

[Electro– and echocardiographic changes during an angina attack in an ergometrine pharmacological test] Shevchenko OP, et al. **Kardiologiia** 1981 Jun;21(6):62–7 (Eng. Abstr.) **(Rus)**

[Bicycle ergometry in the expert evaluation of stenocardia patients' work capacity] Oberemchenko IaV, et al. **Vrach Delo** 1981 May; (5):55–8 (Eng. Abstr.) **(Rus)**

[Effect of risk factors on the tolerance to physical exertion in chronic ischemic heart disease] Taktuk EE. **Vrach Delo** 1981; (4):71–4 (Eng. Abstr.) **(Rus)**

[Supplementary criteria of a cerebral hemodynamic disorder limiting physical loading in hypertension patients] Vinnitskii AR, et al. **Vrach Delo** 1981 May;(5):63–7 (Eng. Abstr.) **(Rus)**

EXERCISE THERAPY

Effects of exercise on reflexes in paraplegic monkeys. Yu J, et al. **Acta Neurobiol Exp (Warsz)** 1981;41(3):271–7 (7 ref.)

From the clinic: utilization of the hamstring position (reverse arm) on the NK table for increasing range of motion in the knee joint. Parhad A, et al. **Am Correct Ther J** 1981 May–Jun;35(3):72–6

Repair of peripheral meniscus tears. A preliminary report. Cassidy RE, et al. **Am J Sports Med** 1981 Jul–Aug;9(4):209–14

Ankylosing spondylitis presenting as shoulder pain in an athlete. A case report. Hill JA, et al. **Am J Sports Med** 1981 Jul–Aug; 9(4):262–4

Physical fitness training and mental health. Folkins CH, et al. **Am Psychol** 1981 Apr;36(4):373–89 (128 ref.)

National Exercise and Heart Disease Project. Psychosocial changes observed during a low–level exercise program. Stern MJ, et al. **Arch Intern Med** 1981 Oct;141(11):1463–7

Soft tissue injury rehabilitation: isokinetics, a new concept. Keniham MA, et al. **Aust Fam Physician** 1981 Jul; 10(7 Suppl):17–20

Prognosis in myocardial infarction––the benefits of exercise as seen in non–randomised trials. Shephard RJ, et al. **Br J Sports Med** 1981 Mar;15(1):6–16

Exercise conditioning and cardiopulmonary fitness in cystic fibrosis. The effects of a three–month supervised running program. Orenstein DM, et al. **Chest** 1981 Oct;80(4):392–8

Glycogen–depletion patterns with isometric and isokinetic exercise in patients after leg injury. Hultén B, et al. **Clin Sci** 1981 Jul; 61(1):35–42

Cavus foot in runners. Lutter LD. **Foot Ankle** 1981 Jan; 1(4):225–8

Parents' subjective evaluation of a self–help education–exercise program for asthmatic children and their parents. Selner JC, et al. **J Asthma Res** 1979 Oct;17(1):13–22

Prescription of home exercise therapy for cardiovascular fitness. Mulder JA, et al. **J Fam Pract** 1981 Sep;13(3):345–8

A work simulator for rehabilitating the upper extremity–preliminary report. Curtis RM, et al. **J Hand Surg** 1981 Sep;6(5):499–501

Council on scientific affairs report B physician supervised exercise programs in rehabilitation of patients with coronary heart disease. **J Tenn Med Assoc** 1981 Apr;74(4):250–4

Reasons for dropout from exercise programs in post–coronary patients. Andrew GM, et al. **Med Sci Sports Exerc** 1981; 13(3):164–8

In–hospital exercise after myocardial infarction does not improve treadmill performance. Sivarajan ES, et al. **N Engl J Med** 1981 Aug 13;305(7):357–62

Reduction of hypercalciuria in tetraplegia after weight–bearing and strengthening exercises. Kaplan PE, et al. **Paraplegia** 1981; 19(5):289–93

Comparison of two methods of assessing physical performance in patients with chronic airway obstruction. Alison JA, et al. **Phys Ther** 1981 Sep;61(9):1278–80

Evaluation of exercise training in patients with chronic airway obstruction. Alison JA, et al. **Phys Ther** 1981 Sep; 61(9):1273–7

Contralateral effects of upper extremity proprioceptive neuromuscular facilitation patterns. Pink M. **Phys Ther** 1981 Aug; 61(8):1158–62

Physical activity and coronary heart disease. Clark RS, et al. **Scott Med J** 1981 Jan;26(1):15–20 (42 ref.)

Exercise prescription. Wenger NK. **Singapore Med J** 1981 Apr; 22(2):68–75 (66 ref.)

Randomised controlled trial of rehabilitation in chronic respiratory disability. Cockcroft AE, et al. **Thorax** 1981 Mar;36(3):200–3

[Telemetry and its significance in the rehabilitation of acute myocardial infarction (author's transl)] Dvořák I, et al. **Cas Lek Cesk** 1981 Jul 30;120(29–30):902–6 (Eng. Abstr.) **(Cze)**

[Treatment of mentally retarded children with cerebral palsy with intensive muscular training] Nygaard A, et al. **Ugeskr Laeger** 1981 Feb 9;143(7):408–12 (Eng. Abstr.) **(Dan)**

[Muscular training of patients with cerebral palsy] Plum P. **Ugeskr Laeger** 1981 Feb 9;143(7):404–7 (Eng. Abstr.) **(Dan)**

[The treatment of Dupuytren's contracture from the medical gymnastic standpoint] Bertsch V. **Handchirurgie** 1980; 12(1–2):119–23 (Eng. Abstr.) **(Ger)**

[Strength of the muscles of the maxillofacial area in physiological bite in preschool children] Molokov VD. **Stomatologiia (Mosk)** 1981;60(4):55–6 (Eng. Abstr.) **(Rus)**

[Effects of long–term physical therapy in rheumatoid arthritis] Nordemar R, et al. **Lakartidningen** 1981;78(15):1561–4 (Eng. Abstr.) **(Swe)**

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

The prevalence of coronary risk factors in children--a review. Armstrong N, et al. **Acta Paediatr Belg** 1980 Oct-Dec; 33(4):209-17 (92 ref.)

Effects of age and prolonged running on proteolytic capacity in mouse cardiac and skeletal muscles. Salminen A, et al. **Acta Physiol Scand** 1981 May;112(1):89-95

Diet and muscle metabolism in man with reference to fat and carbohydrate utilization and its regulation. Jansson E. **Acta Physiol Scand [Suppl]** 1980;487:1-24

A normative assessment technique for isotonic strength in college males on the universal gym. Patton RW, et al. **Am Correct Ther J** 1981 May-Jun;35(3):78-81

Exercise and amenorrhea [letter] Howe WB. **Am Fam Physician** 1981 Aug;24(2):41

Management of refractory congestive heart failure with prazosin. Awan NA, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):626-34 (32 ref.)

Improved interpretation of a continuous variable in diagnostic testing: probabilistic analysis of scintigraphic rest and exercise left ventricular ejection fractions for coronary disease detection. Diamond GA, et al. **Am Heart J** 1981 Aug;102(2):189-95

Comparison of upright and supine bicycle exercise in the detection and evaluation of extent of coronary artery disease by equilibrium radionuclide ventriculography. Freeman MR, et al. **Am Heart J** 1981 Aug;102(2):182-9

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

Hemodynamic effects of prazosin in chronic heart failure. Parmley WW, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):622-5

Vasodilator and inotropic agents in treatment of chronic cardiac failure: clinical experience and response in exercise performance. Weber KT, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):569-77 (32 ref.)

Physiological responses to resistance breathing during short and prolonged exercise. Deno NS, et al. **Am Ind Hyg Assoc J** 1981 Aug;42(8):616-23

Effect of propranolol on postexercise left ventricular ejection time index. Boudoulas H, et al. **Am J Cardiol** 1981 Aug; 48(2):357-60

The inconsistent pattern of thallium defects: a clue to the false positive perfusion scintigram. Dunn RF, et al. **Am J Cardiol** 1981 Aug;48(2):224-32

Quantitative radionuclide angiography in assessment of hemodynamic changes during upright exercise: observations in normal subjects, patient with coronary artery disease and patients with aortic regurgitation. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):239-46

Value of exercise thallium-201 imaging in patients with diagnostic and nondiagnostic exercise electrocardiograms. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):233-8

Pressure-volume overload hypothesis: can it be supported? [letter] Lamont LS. **Am J Cardiol** 1981 Aug;48(2):390-1

Two dimensional echocardiographic analysis of wall motion abnormalities during handgrip exercise in patients with coronary artery disease. Mitamura H, et al. **Am J Cardiol** 1981 Oct; 48(4):711-9

Exercise thallium-201 myocardial imaging in left main coronary artery disease: sensitive but not specific. Rehn T, et al. **Am J Cardiol** 1981 Aug;48(2):217-23

Stress thallium-201 myocardial scintigraphy for the detection of individual coronary arterial lesions in patients with and without previous myocardial infarction. Rigo P, et al. **Am J Cardiol** 1981 Aug;48(2):209-16

Hemodynamic abnormalities in response to supine exercise in patients after operative correction of tetrad of Fallot after early childhood. Rocchini AP. **Am J Cardiol** 1981 Aug; 48(2):325-30

Comparative study of myocardial ischemia during angina at rest and on exertion using thallium-201 scintigraphy. Uthurralt N, et al. **Am J Cardiol** 1981 Sep;48(3):410-7

Weight reduction and sudden death [letter] Bassler TJ. **Am J Clin Nutr** 1981 Aug;34(8):1639-40

Anthropometric and cycloergometric assessment of the nutritional status of the children of agricultural migrant workers in Southern Brazil. Desai ID, et al. **Am J Clin Nutr** 1981 Sep; 34(9):1925-34

The 'metabolically-obese,' normal-weight individual. Ruderman NB, et al. **Am J Clin Nutr** 1981 Aug;34(8):1617-21

Arterial blood gas standards for healthy young nonsmoking subjects. Andrews JL Jr, et al. **Am J Clin Pathol** 1981 Jun; 75(6):773-80

Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure. Effect on metabolic responses to submaximal exercise. Wilson JR, et al. **Am J Med** 1981 Oct;71(4):627-33

An exercise class for patients in traction. Milazzo V. **Am J Nurs** 1981 Oct;81(10):1842-4

Partial prevention of glucocorticoid-induced muscle atrophy by endurance training. Hickson RC, et al. **Am J Physiol** 1981 Sep; 241(3):E226-32

Separate turnover of cytochrome c and myoglobin in the red types of skeletal muscle. Hickson RC, et al. **Am J Physiol** 1981 Sep; 241(3):C140-4

Exercise plasma catecholamines in dogs: role of adrenals and cardiac nerve endings. Péronnet F, et al. **Am J Physiol** 1981 Aug;241(2):H243-7

Heart healthy eating and exercise: introducing and maintaining changes in health behaviors. Coates TJ, et al. **Am J Public Health** 1981 Jan;71(1):15-23

Comparison of reactive hyperemia and treadmill tests in the evaluation of peripheral vascular disease. Keagy BA, et al. **Am J Surg** 1981 Jul;142(1):158-61

Exercise-induced pulmonary hemorrhage in racing thoroughbreds: a preliminary study. Pascoe JR, et al. **Am J Vet Res** 1981 May; 42(5):703-7

Physical fitness training and mental health. Folkins CH, et al. **Am Psychol** 1981 Apr;36(4):373-89 (128 ref.)

Mixed venous oxygenation, exercise, body posture, and v/q ratio in chronic obstructive pulmonary disease. Minh VD, et al. **Am Rev Respir Dis** 1981 Sep;124(3):226-31

Inhibition of sulfur dioxide-induced bronchoconstriction by disodium cromoglycate in asthmatic subjects. Sheppard D, et al. **Am Rev Respir Dis** 1981 Sep;124(3):257-9

Arterial blood pressure and the flow in the calf at rest and during reactive hyperemia. Barendsen GJ, et al. **Angiology** 1981 Sep; 32(9):615-23

Exercise-triggered paroxysmal ventricular tachycardia. A repetitive rhythmic activity possibly related to afterdepolarization. Wu D, et al. **Ann Intern Med** 1981 Oct; 95(4):410-4

National Exercise and Heart Disease Project. Psychosocial changes observed during a low-level exercise program. Stern MJ, et al. **Arch Intern Med** 1981 Oct;141(11):1463-7

Respiratory function during physical exercise in normal and obstructed noses. Togawa K, et al. **Arch Otorhinolaryngol** 1981; 232(1):1-10

Muscle formation in Ehlers-Danlos syndrome. Bilkey WJ, et al. **Arch Phys Med Rehabil** 1981 Sep,62(9):444-8

Decreased and continued physical activity and plasma lipoprotein lipids in previously trained men. Sutherland WH, et al. **Atherosclerosis** 1981 Jun;39(3):307-11

Non-drug treatment of hypertension. Kaplan NM. **Aust NZ J Med** 1981;11(Suppl 1):73-5

Effects of antiorthostatic bedrest on the cardiorespiratory responses to exercise. Convertino VA, et al. **Aviat Space Environ Med** 1981 Apr;52(4):251-5

Thermal and glycemic responses during mild exercise in +5 to -15 degrees C environments following alcohol ingestion. Graham TE. **Aviat Space Environ Med** 1981 Sep;52(9):517-22

Identifying borderline hypertensives: comparative value of various blood pressure measurements. Hull DH, et al. **Aviat Space Environ Med** 1981 Jul;52(7):399-403

A comparison of three liquid-ventilation cooling garments during treadmill exercise. Webbon B, et al. **Aviat Space Environ Med** 1981 Jul;52(7):408-15

Transmural adenosine with increased cardiac work. McKenzie JE, et al. **Basic Res Cardiol** 1981 Jul-Aug;76(4):372-6

Effects of relaxation and/or biofeedback training upon hip flexion in gymnasts. Wilson VE, et al. **Biofeedback Self Regul** 1981 Mar; 6(1):25-34

Effect of stenosed and occluded coronary arteries on immediate and late myocardial uptake of thallium-201. Clitsakis D, et al. **Br Heart J** 1981 Aug;46(2):186-9

Clinical significance of exercise-induced ST segment elevation. Correlative angiographic study in patients with ischaemic heart disease. de Feyter PJ, et al. **Br Heart J** 1981 Jul;46(1):84-92

Use of exercise thallium scintigraphy to assess extent of ischaemic myocardium in patients with left anterior descending artery disease. Hakki AH, et al. **Br Heart J** 1981 Jun;45(6):703-9

Comparison of physical work capacity and systolic time intervals with ventricular inhibited and atrial synchronous ventricular inhibited pacing. Kruse I, et al. **Br Heart J** 1981 Aug; 46(2):129-36

Effects of chronic beta-blockade on intra-arterial blood pressure during motor car driving. Millar-Craig MW, et al. **Br Heart J** 1981 Jun;45(6):643-8

Echocardiographic dimensions and maximal oxygen uptake in oarsmen during training. Wieling W, et al. **Br Heart J** 1981 Aug; 46(2):190-5

An analysis of submaximal exercise responses in patients with sarcoidosis and fibrosing alveolitis. Spiro SG, et al. **Br J Dis Chest** 1981 Apr;75(2):169-80

Obesity: is obesity metabolic? Jung RT, et al. **Br J Hosp Med** 1980 Dec;24(6):503-9

Individual differences in life-style response to coronary artery bypass surgery. Ramshaw JE, et al. **Br J Med Psychol** 1981 Mar;

54(Pt 1):83-9

A digital display revolution counter. Brodie DA, et al. **Br J Sports Med** 1981 Jun;15(2):133-5

Validity of the Astrand-Ryhming nomogram for predicting maximal oxygen intake. Cink RE, et al. **Br J Sports Med** 1981 Sep;15(3):182-5

Blood lactate concentration following maximum exercise in trained subjects. Gass GC, et al. **Br J Sports Med** 1981 Sep;15(3):172-6

Physiological, psychological and performance measures during an endurance record for 5-a-side soccer play. Reilly T, et al. **Br J Sports Med** 1981 Jun;15(2):122-8

Sleep and the athlete. Shapiro CM. **Br J Sports Med** 1981 Mar;15(1):51-5

Studies of muscular performance in normal and dystrophic subjects. Edwards RH. **Br Med Bull** 1980 May;36(2):159-64 (59 ref.)

Nutrition and protein turnover in man. Waterlow JC, et al. **Br Med Bull** 1981 Jan;37(1):5-10 (35 ref.)

Assessment of left ventricular contractile performance from isovolumic relaxation phase in man. Ahmed SS, et al. **Cardiology** 1981;68(1):1-18

Role of the renin-angiotensin and of the adrenergic system in the blood pressure regulation at exercise in normotensive subjects and in hypertensive patients. Amery A, et al. **Cardiology** 1981;68(2):103-17

Cardiac output and venous return as interdependent and independent variables. Badeer HS. **Cardiology** 1981;67(2):65-72

Physical activity and physical fitness levels of Belgian males aged 40-55 years. De Backer G, et al. **Cardiology** 1981;67(2):110-28

Systolic time intervals in chronic obstructive pulmonary disease. Louridas G, et al. **Cardiology** 1981;68(1):30-41

Physical training program in arterial hypertension. A long-term prospective follow-up. Román O, et al. **Cardiology** 1981;67(4):230-43

Femoral vein pressure measurements for evaluation of venous function in patients with postthrombotic iliac veins. Albrechtsson U, et al. **Cardiovasc Intervent Radiol** 1981 Feb;4(1):43-50

Control of cardiac output in exercising dogs using different types of workload. Versteeg PG, et al. **Cardiovasc Res** 1981 Mar;15(3):151-8

Combined exercise echocardiography [letter] Berberich SN, et al. **Chest** 1981 Sep;80(3):336

Effects of treadmill exercise on total and myocardial creatine phosphokinase. Bornheimer JF, et al. **Chest** 1981 Aug;80(2):146-8

Noninvasive assessment of changes in left ventricular function induced by graded isometric exercise in healthy subjects. Ehsani AA, et al. **Chest** 1981 Jul;80(1):51-5

The prolonged effect of pentaerythritol tetranitrate on exercise capacity in stable effort angina pectoris. Giles TD, et al. **Chest** 1981 Aug;80(2):142-5

Exercise thallium 201 scintigraphy in evaluating aortocoronary bypass surgery. Iskandrian AS, et al. **Chest** 1981 Jul;80(1):11-5

A comparison of coarctation resection and patch angioplasty using postexercise blood pressure measurements. Connor TM, et al. **Circulation** 1981 Sep;64(3):567-72

The prognostic value of submaximal exercise testing with radionuclide ventriculography before hospital discharge in patients with recent myocardial infarction. Corbett JR, et al. **Circulation** 1981 Sep;64(3):535-44

Accuracy of diagnosis of coronary artery disease by radionuclide management of left ventricular function during rest and exercise. Jones RH, et al. **Circulation** 1981 Sep;64(3):586-601

The use of propranolol and nifedipine in the medical management of angina pectoris. Fox KM, et al. **Clin Cardiol** 1981 May;4(3):125-9

Persistence of improved exercise tolerance and degree of revascularization after coronary bypass surgery. A prospective randomized study. Frick MH, et al. **Clin Cardiol** 1979 Apr;2(2):81-6

Effects of exercise on plasma viscosity in athletes and sedentary normal subjects. Letcher RL, et al. **Clin Cardiol** 1981 Jul-Aug;4(4):172-9

Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug;4(4):162-7

The effect of minimal exercise on the blood lactate in azotemic subjects. Parrish AE. **Clin Nephrol** 1981 Jul;16(1):35-9

Venous plasma histamine in exercise- and hyperventilation-induced asthma in man. Barnes PJ, et al. **Clin Sci** 1981 Aug;61(2):159-62

Arterial plasma histamine after exercise in normal individuals an in patients with exercise-induced asthma. Hartley JP, et al. **Clin Sci** 1981 Aug;61(2):151-7

Effect of beta-adrenoceptor blockade on exercise performance and metabolism. Lundborg P, et al. **Clin Sci** 1981 Sep;61(3):299-305

Effect of PH on muscle glycolysis during exercise. Sutton JR, et al. **Clin Sci** 1981 Sep;61(3):331-8

Physiology of gas exchange and exertional dyspnoea. Wasserman K. **Clin Sci** 1981 Jul;61(1):7-13 (21 ref.)

Physical activity and its influence on the repair process of medial collateral ligaments. Vailas AC, et al. **Connect Tissue Res** 1981;9(1):25-31

Exercise. Felig P. **Curr Concepts Nutr** 1981;10:165-72

HDL-cholesterol as a negative risk factor. Rifkind BM. **Curr Concepts Nutr** 1981;10:79-87

Replenishment of citric acid cycle intermediates by the purine nucleotide cycle in rat skeletal muscle. Aragón JJ, et al. **Curr Top Cell Regul** 1981;18:131-49

Correction of exercise-induced microalbuminuria in insulin-dependent diabetics after 3 weeks of subcutaneous insulin infusion. Viberti G, et al. **Diabetes** 1981 Oct;30(10):818-23

Exercise and diabetes [letter] Jarrett RJ. **Diabetologia** 1981 Jul;21(1):74

Effects of SO2 plus NaCl aerosol combined with moderate exercise on pulmonary function in asthmatic adolescents. Koenig JQ, et al. **Environ Res** 1981 Aug;25(2):340-8

Effects of conditioning on exertional rhabdomyolysis and serum creatine kinase after severe exercise. Maxwell JH, et al. **Enzyme** 1981;26(4):177-81

Perception of effort and respiratory sensitivity during exposure to ozone. Mihevic PM, et al. **Ergonomics** 1981 May;24(5):365-74

Critical power as a measure of physical work capacity and anaerobic threshold. Moritani T, et al. **Ergonomics** 1981 May;24(5):339-50

The principal features of maximal exertion in the sagittal plane. Pheasant ST, et al. **Ergonomics** 1981 May;24(5):327-38

Variable threshold of exertional angina: a clue to a vasospastic component. Brunelli C, et al. **Eur Heart J** 1981 Apr;2(2):155-61

Factors associated with the initial blood pressure level and with the subsequent blood pressure increase in a longitudinal population study. The study of men born in 1913. Svärdsudd K, et al. **Eur Heart J** 1980 Oct;1(5):345-54

Comparison of dipyridamole and treadmill exercise for enhancing thallium-201 perfusion defects in patients with coronary artery disease. Timmis AD, et al. **Eur Heart J** 1980 Aug;1(4):275-80

VO2 max during progressive and constant bicycle exercise in sedentary men and women. Gimenez M, et al. **Eur J Applied Physiol** 1981;46(3):237-48

Estimation of myodynamic parameter values from observations on isometrically contracting muscle groups. Hatze H. **Eur J Applied Physiol** 1981;46(4):325-38

Skeletal muscle phosphagen and lactate concentrations in ischaemic dynamic exercise. Ingemann-Hansen T, et al. **Eur J Applied Physiol** 1981;46(3):261-70

The energy cost of walking and running with and without a backpack load. Keren G, et al. **Eur J Applied Physiol** 1981;46(3):317-24

The effects of a glycogen-loading regimen on the capacity to perform anaerobic exercise. Maughan RJ, et al. **Eur J Applied Physiol** 1981;46(3):211-9

Critical analysis of the 'anaerobic threshold' during exercise at constant workloads. Scheen A, et al. **Eur J Applied Physiol** 1981;46(4):367-77

The validity of anaerobic threshold determination by a Douglas bag method compared with arterial blood lactate concentration. Yoshida T, et al. **Eur J Applied Physiol** 1981;46(4):423-30

Haemodynamic and metabolic effects of combined adrenergic alpha- and beta-receptor blockade with labetalol in the exercising human forearm. Hartling OJ, et al. **Eur J Clin Invest** 1980 Dec;10(6):431-5

Bayesian analysis of stress thallium-201 scintigraphy. Murray RG, et al. **Eur J Nucl Med** 1981;6(5):201-4

Effects of antidepressants in the rat forced swimming test. Kitada Y, et al. **Eur J Pharmacol** 1981 Jun 19;72(2-3):145-52

A morphological study of delayed muscle soreness. Fridén J, et al. **Experientia** 1981 May 15;37(5):506-7

Swim-stress induced changes of rat adrenal catecholamine level depending on metabolic state and different ambient temperature. Bargiel Z, et al. **Folia Histochem Cytochem (Krakow)** 1981;19(1):31-7

Morphological criteria of adaptation of the osseous system to increased physical loading. Sudzilovski PV. **Folia Morphol (Praha)** 1981;29(3):209-12

Arterial compliance, systolic pressure and heart rate in elderly women at rest and on exercise. Sebban C, et al. **Gerontology** 1981;27(5):271-80

Exercise and coronary risk factor modification in the management of atherosclerosis. Fletcher GF. **Heart Lung** 1981 Sep-Oct;10(5):811-3

Rehabilitation of patients after acute myocardial infarction- an interdisciplinary, family-oriented program. Segev U, et al.

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

Heart Lung 1981 Sep-Oct;10(5):841-7

Comparison of two radionuclide techniques for detecting disease of right and left coronary arteries. Johnson LL, et al. **Herz** 1981 Jun;6(3):166-77

Free fatty acid inhibition of exercise-induced growth hormone secretion. Casanueva F, et al. **Horm Metab Res** 1981 Jun; 13(6):348-50

Significance of glucagon for insulin secretion and hepatic glycogenolysis during exercise in rats. Richter EA, et al. **Horm Metab Res** 1981 Jun;13(6):323-6

Comparison of regulation of respiration in transitional and steady-state regimes of muscular work and under the influence of additional resistance. Breslav IS, et al. **Hum Physiol** 1980 Nov-Dec;6(6):401-6

Hemodynamics in healthy subjects during moderate physical exertion in the lying and sitting positions. Katkovskii BS, et al. **Hum Physiol** 1980 Nov-Dec;6(6):407-10

Efficiency of increased energy expenditure during adaptation to heat. Novozhilov GN. **Hum Physiol** 1980 Nov-Dec; 6(6):397-400

Dependence of human responses to physical exertion during limitation of muscular activity. Panferova NE. **Hum Physiol** 1980 May-Jun;6(3):223-6

Informativeness of the pulse rate for assessment of physical working capacity. Romanenko VA, et al. **Hum Physiol** 1981 Jan-Feb; 7(1):33-7

The effect of light exercise on the plasma superoxide dismutase activity and on the plasma noradrenaline concentration. Minami M, et al. **Ind Health** 1981;19(2):133-8

Effect of (dl) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-dion on exercise-induced bronchospasm. Grassi C, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Jul;19(7):297-302

Metabolic fuels and the capacity for exercise during hypocaloric diet. Bogardus C, et al. **Int J Obes** 1981;5(3):295-6

The effect of a very-low-calorie diet with and without chronic exercise on thyroid and sex hormones, plasma proteins, oxygen uptake, insulin and c peptide concentrations in obese women. Krotkiewski M, et al. **Int J Obes** 1981;5(3):287-93

Lipoprotein-cholesterol in coronary-heart-disease (CHD) patients with and without exercise training. Berg A, et al. **Int J Rehabil Res** 1981;4(2):211-3

Respiratory physiology of exercise: metabolism, gas exchange, and ventilatory control. Wasserman K, et al. **Int Rev Physiol** 1981; 23:149-211 (211 ref.)

Detection of ozone toxicity during continuous exercise via the effective dose concept. Adams WC, et al. **J Appl Physiol** 1981 Aug;51(2):415-22

Dynamics of ventilatory response to exercise in humans. Bennett FM, et al. **J Appl Physiol** 1981 Jul;51(1):194-203

Glucose ingestion before and during intense exercise. Bonen A, et al. **J Appl Physiol** 1981 Apr;50(4):766-71

Energy expenditure during load carriage at high altitude. Cymerman A, et al. **J Appl Physiol** 1981 Jul;51(1):14-8

Effect of acclimatization to heat on the regulation of sweating during moderate and severe exercise. Davies CT. **J Appl Physiol** 1981 Apr;50(4):741-6

Chronic chlorpromazine administration in rats: effects on ability to work in the heat. Francesconi R, et al. **J Appl Physiol** 1981 Mar;50(3):509-12

Prostaglandin E1 hyperthermia: effects on ability to work in the heat. Francesconi R, et al. **J Appl Physiol** 1981 Jul;51(1):62-7

Cardiovascular response to treadmill exercise in untrained rats. Gleeson TT, et al. **J Appl Physiol** 1981 Jun;50(6):1206-11

Effect of pedaling rate on submaximal exercise responses of competitive cyclists. Hagberg JM, et al. **J Appl Physiol** 1981 Aug;51(2):447-51

Muscular endurance and surface electromyogram in isometric and dynamic exercise. Hagberg M. **J Appl Physiol** 1981 Jul; 51(1):1-7

Reduced norepinephrine response to dynamic exercise in human subjects during O2 breathing. Hesse B, et al. **J Appl Physiol** 1981 Jul;51(1):176-8

Effect of low-potassium diet on rat exercise hyperthermia and heatstroke mortality. Hubbard RW, et al. **J Appl Physiol** 1981 Jul;51(1):8-13

Effect of upright exercise on threshold for cutaneous vasodilation and sweating. Johnson JM, et al. **J Appl Physiol** 1981 Apr; 50(4):814-8

Brain temperatures in running quail. Kilgore DL Jr, et al. **J Appl Physiol** 1981 Jun;50(6):1277-81

Beat-by-beat stroke volume assessment by pulsed Doppler in upright and supine exercise. Loeppky JA, et al. **J Appl Physiol** 1981 Jun;50(6):1173-82

Left ventricular function and volume during supine exercise in subjects with coronary artery disease. Manyari DE, et al. **J Appl Physiol** 1981 Mar;50(3):636-42

Hypoxia effects on plasma volume shifts at rest, work, and recovery in supine posture. Miles DS, et al. **J Appl Physiol** 1981 Jul; 51(1):148-53

Influence of streptozotocin-induced diabetes and insulin on the functional capacity of rats. Murphy RD, et al. **J Appl Physiol** 1981 Mar;50(3):482-6

Effect of CO2 set point on ventilatory response to exercise. Oren A, et al. **J Appl Physiol** 1981 Jul;51(1):185-9

Ventilation in exercise studied with circulatory occlusion. Sargeant AJ, et al. **J Appl Physiol** 1981 Apr;50(4):718-23

Wheelchair exercise performance of the young, middle-aged, and elderly. Sawka MN, et al. **J Appl Physiol** 1981 Apr; 50(4):824-8

Cardiac function in hypertrophied hearts from chronically exercised female rats. Schaible TF, et al. **J Appl Physiol** 1981 Jun;50(6):1140-5

Effect of a precooling maneuver on body temperature and exercise performance. Schmidt V, et al. **J Appl Physiol** 1981 Apr; 50(4):772-8

Respiratory drives and exercise in menstrual cycles of athletic and nonathletic women. Schoene RB, et al. **J Appl Physiol** 1981 Jun; 50(6):1300-5

Modification of the Monark bicycle ergometer for underwater exercise. Shapiro Y, et al. **J Appl Physiol** 1981 Mar; 50(3):679-83

Interactions between fatiguing and nonfatiguing isometric contractions. Stafford DE, et al. **J Appl Physiol** 1981 Aug; 51(2):399-404

Reanalysis of the refractory period in exertional asthma. Stearns DR, et al. **J Appl Physiol** 1981 Mar;50(3):503-8

Components of alveolar-arterial O2 gradient during rest and exercise at sea level and high altitude. Sylvester JT, et al. **J Appl Physiol** 1981 Jun;50(6):1129-39

Cardiovascular and respiratory reflexes from muscles during dynamic and static exercise. Tallarida G, et al. **J Appl Physiol** 1981 Apr;50(4):784-91

Erythrocyte volume, plasma volume, and acid-base changes in exercise and heat dehydration. van Beaumont W, et al. **J Appl Physiol** 1981 Jun;50(6):1255-62

Renal function, aldosterone, and vasopressin excretion following repeated long-distance running. Wade CE, et al. **J Appl Physiol** 1981 Apr;50(4):709-12

The effects of exercise on the biomechanical and biochemical properties of swine digital flexor tendons. Woo SL, et al. **J Biomech Eng** 1981 Feb;103(1):51-6

Therapy of angina pectoris with low-dose perhexiline. Horgan JH, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):566-72

Effects of oxprenolol on the intra-arterial blood pressure response to dynamic exercise in hypertensive men. Millar-Craig MW, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):468-76

Haemodynamic dose-response effects of intravenous oxprenolol in coronary heart disease. Silke B, et al. **J Cardiovasc Pharmacol** 1981 Jul-Aug;3(4):716-27

Comparison of carbohydrate-containing and carbohydrate-restricted hypocaloric diets in the treatment of obesity. Endurance and metabolic fuel homeostasis during strenuous exercise. Bogardus C, et al. **J Clin Invest** 1981 Aug; 68(2):399-404

Role of metabolic CO2 production in ventilatory response to steady-state exercise. Phillipson EA, et al. **J Clin Invest** 1981 Sep;68(3):768-74

Exercise-induced hemolysis in xerocytosis. Erythrocyte dehydration and shear sensitivity. Platt OS, et al. **J Clin Invest** 1981 Sep;68(3):631-8

Structure and function changes in the endocrine pancreas of aging rats with reference to the modulating effects of exercise and caloric restriction. Reaven EP, et al. **J Clin Invest** 1981 Jul; 68(1):75-84

Age-related changes of cardiac control function in man. With special reference to heart rate control at rest and during exercise. Sato I, et al. **J Gerontol** 1981 Sep;36(5):564-72

Exercise as therapy in cardiac rehabilitation. Jacobs BF, et al. **J La State Med Soc** 1981 Apr;133(4):52-4

Childhood mitochondrial myopathy with ophthalmoplegia. Land JM, et al. **J Neurol Sci** 1981 Sep;51(3):371-82

The effects of detraining on an elite power lifter. A case study. Staron RS, et al. **J Neurol Sci** 1981 Aug;51(2):247-57

Discharge characteristics and stretch sensitivity of jaw muscle afferents in the monkey during controlled isometric bites. Larson CR, et al. **J Neurophysiol** 1981 Jul;46(1):130-42

Quantitative thallium-201 exercise scintigraphy for detection of coronary artery disease. Berger BC, et al. **J Nucl Med** 1981 Jul; 22(7):585-93

Re: exercise lowers thyroid radioiodine uptake: concise communication [letter] Johnson JR. **J Nucl Med** 1981 Sep; 22(9):834-5

Abnormal false-positive response of exercise ejection fraction due to the ROI: fixed compared with variable [letter] Karimeddini MK, et al. **J Nucl Med** 1981 Aug;22(8):749-50

Relationship between iron status and exercise in male and female growing rats. Bowering J, et al. **J Nutr** 1981 Sep; 111(9):1648-57

Effects of exercise on iron and copper metabolism in rats. Ruckman

KS, et al. **J Nutr** 1981 Sep;111(9):1593–601

Blood pressure response to dynamic exercise in healthy children—black vs white. Alpert BS, et al. **J Pediatr** 1981 Oct; 99(4):556–60

The relationship between maximal ventilation, breathing pattern and mechanical limitation of ventilation. Jensen JI, et al. **J Physiol (Lond)** 1980 Dec;309:521–32

Note on estimating catecholamines in urine sampled after 75-min periods of mental work and inactivity. Forsman L. **J Psychosom Res** 1981;25(3):223–5

The effect of catecholamines or sodium lactate on blood lactate distribution in the rat. Aragno R. **J Sports Med Phys Fitness** 1981 Mar;21(1):7–14

Sudden death and physical exertion. Keren G, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):90–3

Specificity of submaximal working capacity. Leblanc C, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):15–22

Implications of athlete's bradycardia on lifespan. Kuehn LA. **J Theor Biol** 1981 Jan 21;88(2):279–86

Effect of sweating [letter] Dean W. **JAMA** 1981 Aug 7; 246(6):623

Obesity in children and adolescents. Turner TJ. **JDBP** 1980 Mar; 1(1):43–7

The relationship between QT interval and heart rate during physiological exercise and pacing. Akhras F, et al. **Jpn Heart J** 1981 May;22(3):345–51

Non-invasive evaluation by thermistor plethysmography of left ventricular performance during dynamic exercise. Comparison with echocardiography. Ferro G, et al. **Jpn Heart J** 1981 May; 22(3):335–43

Ambulatory blood-pressure [letter] **Lancet** 1981 Sep 12; 2(8246):587–8

Propranolol, exercise, and arterial plasma potassium [letter] Lim M, et al. **Lancet** 1981 Sep 12;2(8246):591

Ambulatory blood pressure [letter] Pickering T, et al. **Lancet** 1981 Aug 22;2(8243):416–7

Physical exercise in malignant hyperthermia screening [letter] Reynolds AC, et al. **Lancet** 1981 Aug 8;2(8241):303

The effect of exhaustive exercise on expired pentane as a measure of in vivo lipid peroxidation in the rat. Gee DL, et al. **Life Sci** 1981 May 21;28(21):2425–9

Changes in plasma concentrations of acebutolol, propranolol and indomethacin during physical exercise. Henry JA, et al. **Life Sci** 1981 Apr 27;28(17):1925–9

The behaviour of some biologic parameters in obese patients after short-term exercise under restrictive diets. Dumitrescu C, et al. **Med Interne** 1981 Apr–Jun;19(2):199–204

Cardiovascular and metabolic responses to isometric exercise of athletes and non-athletes. Rajikin MH. **Med J Malaysia** 1980 Sep;35(1):46–52

Effects of exercise performance on drugs used in musculoskeletal disorders. Day RO. **Med Sci Sports Exerc** 1981;13(4):272–5

A biomechanical study of the triple jump. Fukashiro S, et al. **Med Sci Sports Exerc** 1981;13(4):233–7

Marathon performance in relation to maximal aerobic power and training indices. Hagan RD, et al. **Med Sci Sports Exerc** 1981; 13(3):185–9

The heart rate, perceived exertion, and pace of the 1.5 mile run. Jackson A, et al. **Med Sci Sports Exerc** 1981;13(4):224–8

Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198–204

The maximal steady state versus selected running events. LaFontaine TP, et al. **Med Sci Sports Exerc** 1981;13(3):190–3

Effects of exercise on protein and amino acid metabolism. Lemon PW, et al. **Med Sci Sports Exerc** 1981;13(3):141–9

Exercise after sleep deprivation. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(4):220–3

Sensory cues for perceived exertion: a review. Mihevic PM. **Med Sci Sports Exerc** 1981;13(3):150–63 (65 ref.)

Strength comparisons in untrained men and trained women athletes. Morrow JR Jr, et al. **Med Sci Sports Exerc** 1981;13(3):194–7

The effect of drugs on the cardiovascular response to exercise. Powles AC. **Med Sci Sports Exerc** 1981;13(4):252–8 (88 ref.)

Drugs used in metabolic disorders. Sutton JR. **Med Sci Sports Exerc** 1981;13(4):266–71 (31 ref.)

Drugs—some basic concepts. Sweeney GD. **Med Sci Sports Exerc** 1981;13(4):247–51

The effect of induced erythrocythemia upon 5-mile treadmill run time. Williams MH, et al. **Med Sci Sports Exerc** 1981; 13(3):169–75

Changes in renal cortical sialic acids and colloidal iron staining associated with exercise. Zambraski EJ, et al. **Med Sci Sports Exerc** 1981;13(4):229–32

Prevention of age-related hypertriglyceridemia by caloric restriction and exercise training in the rat. Reaven GM, et al. **Metabolism** 1981 Oct;30(10):982–6

High density lipoprotein cholesterol and body composition of female runners. Rotkis T, et al. **Metabolism** 1981 Oct; 30(10):994–5

Physical training and adipose tissue fatty acid composition in men. Sutherland WH, et al. **Metabolism** 1981 Sep;30(9):839–44

The medical management of obesity. Schteingart DE. **Mich Med** 1981 Jun;80(17):322–4

Nuclear cardiology (second of two parts). Berger HJ, et al. **N Engl J Med** 1981 Oct 8;305(15):855–65 (102 ref.)

Catecholamines, dopamine, and endorphin levels during extreme exercise [letter] Bortz WM 2d, et al. **N Engl J Med** 1981 Aug 20;305(8):466–7

Weight bearing as a treatment for damaged hips in juvenile rheumatoid arthritis [letter] Jacobs JC, et al. **N Engl J Med** 1981 Aug 13;305(7):409

Multidisciplinary treatment of chronic pain at the Northwest Pain Center. Seres JL, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1980;36:41–65

201Tl-myocardial scintigraphy: current status in coronary artery disease, results of sensitivity/specificity in 3092 patients and clinical recommendations. Hör G, et al. **Nuklearmedizin** 1981 Jun; 20(3):136–47

The People's March for Jobs: blisters, bruises and bravery. Jones C. **Nurs Mirror** 1981 Aug 5;153(6):26–8

Trends in coronary heart disease mortality and associated risk factors in New Zealand. Beaglehole R, et al. **NZ Med J** 1981 Jun 10;93(685):371–5

The employed pregnant worker: the risks of physical exertion. Rusinski PS. **Occup Health Nurs** 1981 Sep;29(9):19–21

Pain complaint—exercise performance relationship in chronic pain. Fordyce W, et al. **Pain** 1981 Jun;10(3):311–21

Effect of physical stress and time-pressure on performance. Lulofs R, et al. **Percept Mot Skills** 1981 Jun;52(3):787–93

Comparison of two methods of assessing physical performance in patients with chronic airway obstruction. Alison JA, et al. **Phys Ther** 1981 Sep;61(9):1278–80

Effects of isometric muscle training on residual limb volume, strength, and gait of below-knee amputees. Kegel B, et al. **Phys Ther** 1981 Oct;61(10):1419–26

Support responses of the cardiovascular system to exercise. Part I. Littell EH. **Phys Ther** 1981 Sep;61(9):1260–4

Neural regulation of cardiovascular response to exercise: Part II. Littell EH. **Phys Ther** 1981 Oct;61(10):1411–8

ECG effects of aerobic dance: a study of five exercise-conditioned young women. Metcalf JA, et al. **Postgrad Med** 1981 Aug; 70(2):219–23

Serum cortisol response to incremental work in experienced and naive subjects. Davis HA, et al. **Psychosom Med** 1981 Apr; 43(2):127–32

Cardiovascular differentiation of happiness, sadness, anger, and fear following imagery and exercise. Schwartz GE, et al. **Psychosom Med** 1981 Aug;43(4):343–64

Biologic influences on exercise adherence. Dishman RK. **Res Q Exerc Sport** 1981 May;52(2):143–59

Transient VO2 characteristics in children at the onset of steady-rate exercise. Freedson PS, et al. **Res Q Exerc Sport** 1981 May;52(2):167–73

Isometric knee extension and plantar flexion muscle fatigue and fiber type composition in female distance runners. Kroll W, et al. **Res Q Exerc Sport** 1981 May;52(2):200–7

Relative endurance and physiological responses: a study of individual differences in prepubescent boys and adult men. Sady SP, et al. **Res Q Exerc Sport** 1981 May;52(2):246–55

Panting in dogs: paths of air flow in response to heat and exercise. Goldberg MB, et al. **Respir Physiol** 1981 Mar;43(3):327–38

Pulmonary oxygen transport during activity in lizards. Mitchell GS, et al. **Respir Physiol** 1981 Mar;43(3):365–75

Problems in the assessment of disease activity in ankylosing spondylitis. Scott DG, et al. **Rheumatol Rehabil** 1981 May; 20(2):74–80

The effect of repeated supine exercise on exercise tolerance and left ventricular pump function in patients with angina pectoris. Carlens P. **Scand J Clin Lab Invest** 1980 Apr;40(2):105–14

Adaptation to peripheral muscle training. Gaffney FA, et al. **Scand J Rehabil Med** 1981;13(1):11–6

Cardiac sarcolemma: compositional adaptation to exercise. Tibbits GF, et al. **Science** 1981 Sep 11;213(4513):1271–3

Treatment of postmenopausal osteoporosis: some current concepts. Chesnut CH 3d. **Scott Med J** 1981 Jan;26(1):72–80

Physical activity and coronary heart disease. Clark RS, et al. **Scott Med J** 1981 Jan;26(1):15–20 (42 ref.)

From beltline to steering wheel: the vanishing space. An informal study of persistent weight gain of truck drivers. Rather RJ, et al. **SD J Med** 1981 Mar;24(3):21–4

Endurance capacity and exercise response in young Chinese adults. Lien IN, et al. **Taiwan I Hsueh Hui Tsa Chih** 1980 Dec; 79(12):1109–21

Arterial plasma histamine levels at rest, and during and after exercise in patients with asthma: effects of terbutaline aerosol. Anderson SD, et al. **Thorax** 1981 Apr;36(4):259–67

Ketotifen in atopic asthma and exercise-induced asthma. Petheram IS, et al. **Thorax** 1981 Apr;36(4):308–12

Doctor don't run, walk for your health. Tyler M. **Tic** 1981 Jul;

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

40(7):11, 14

Effect of exercise or smoking on the uptake, metabolism, and excretion of methylene chloride vapor. DiVincenzo GD, et al. **Toxicol Appl Pharmacol** 1981 Jun 15;59(1):141-8

Circulatory and temperature regulatory responses to exercise in a warm environment in insulin-dependent diabetics. Fortney SM, et al. **Yale J Biol Med** 1981 Mar-Apr;54(2):101-9

[Hemodynamic actions on alinidine during exercise in patients with coronary artery disease. Löllgen H, et al. **Z Kardiol** 1981 May; 70(5):425-8

[Effect of the psychostimulants caffeine and methylphenidate on the efficiency of physical activity in rats exposed to ionizing radiation] Petkov V, et al. **Eksp Med Morfol** 1981;20(2):82-7 (Eng. Abstr.) **(Bul)**

[The dynamics of non-invasive circulatory indices in men and women exposed to ergometric tests (author's transl)] Braveny P, et al. **Cas Lek Cesk** 1981 Sep 3;120(35):1041-4 (Eng. Abstr.) **(Cze)**

[Effect of isometric exercise on changes in selected hemodynamic parameters] Smid J, et al. **Vnitr Lek** 1981 Jun;27(6):548-56 (Eng. Abstr.) **(Cze)**

[Pharmacologic modification of effort dyspnea in children with CARA] Neijens HJ, et al. **Ned Tijdschr Geneeskd** 1981 Aug 8; 125(32):1277-81 (Eng. Abstr.) **(Dut)**

[Cardiorespiratory function in young bronchitis patients, mostly mineworkers, before and after kineutherapy and exertion training. Comparison with a control group (Preliminary results)] Marcq M, et al. **Rev Inst Hyg Mines (Hasselt)** 1981; 36(1):5-31 (Eng. Abstr.) **(Dut, Fre)**

[Electromyographic study of trapezius (middle portion) and rhomboideus major muscles submitted to an isometric tension (author's transl)] de Freitas V, et al. **Anat Anz** 1981; 149(2):176-84 (Eng. Abstr.) **(Fre)**

[Prolonged effects of training on adipose tissue glucose metabolism and insulin responsiveness in adult rats (author's transl)] Gommers A, et al. **Diabete Metab** 1981 Jun;7(2):121-6 (Eng. Abstr.) **(Fre)**

[Regulation of extracellular acid-base balance in animals (author's transl)] Truchot JP. **J Physiol (Paris)** 1981;77(4-5):525-80 (397 ref.) (Eng. Abstr.) **(Fre)**

[Effect of dynamic exercise on left ventricular hemodynamics in obstructive cardiomyopathy] Grbic M, et al. **Schweiz Med Wochenschr** 1980 Nov 8;110(45):1692-6 (Eng. Abstr.) **(Fre)**

[Blood glucose abd hormonal counterregulation in juvenile type I diabetics during exercise (author's transl)] Borkenstein J, et al. **Acta Med Austriaca** 1981;8(3):82-4 (Eng. Abstr.) **(Ger)**

[Effect of muscular exercise and metabolic control on cortisol, growth hormone, plasma-epinephrine and plasma-norepinephrine in type-1 diabetics (author's transl)] Mühlhauser I, et al. **Acta Med Austriaca** 1981;8(2):48-53 (Eng. Abstr.) **(Ger)**

[Effects of muscular exercise on non-glucoregulatory hormones (T3, rT3, T4, TSH, prolactin, FSH, LH) in type I diabetics (author's transl)] Schernthaner G, et al. **Acta Med Austriaca** 1981; 8(2):54-60 (Eng. Abstr.) **(Ger)**

[Decreasing blood pressure in essential hypertension with physical training] Priebe U, et al. **Cor Vasa** 1981;23(3):172-81 (Eng. Abstr.) **(Ger)**

[Exercise-induced platelet aggregation: in vitro and ex-vivo aggregation of human platelets after administration of crystalline adrenaline and after ergometric exercise (author's transl)] Rieger H, et al. **Dtsch Med Wochenschr** 1981 Jul 17; 106(29-30):942-5 (Eng. Abstr.) **(Ger)**

[Assessment of cardiopulmonary functional capacity with ergospirometric parameters at a capacity of 1 w/kg body weight] Schwalb H, et al. **Fortschr Med** 1981 Aug 13;99(30):1196-201 (Eng. Abstr.) **(Ger)**

[Improved myocardial function after transluminal coronary angioplasty (author's transl)] Klepzig H Jr, et al. **Herz** 1981 Aug; 6(4):252-8 (Eng. Abstr.) **(Ger)**

[Hemodynamic assessment of patients with aortic or mitral valve replacement during exercise (author's transl)] Kraus F, et al. **Herz** 1981 Jun;6(3):138-47 (Eng. Abstr.) **(Ger)**

[Clinical relevance of steady-state conditions and heart rate increase during exercise in the detection of pathologic hemodynamics in patients with prosthetic aortic or mitral valve (author's transl)] Kraus F, et al. **Herz** 1981 Aug;6(4):237-46 (Eng. Abstr.) **(Ger)**

[Sport exertion tolerance in childhood and adolescence] Bringmann W. **Kinderaerztl Prax** 1981 Apr;49(4):184-92 (13 ref.) (Eng. Abstr.) **(Ger)**

[Plasma catecholamines, metabolic substrates, aerobic and anaerobic capacity during graduated treadmill and bicycle ergometer exercise (author's transl)] Lehmann M, et al. **Klin Wochenschr** 1981 Jun 1;59(11):553-9 (Eng. Abstr.) **(Ger)**

[Psychodrama and physical work] Seidel U. **Prax Kinderpsychol Kinderpsychiatr** 1981 Jul;30(5):154-9 (Eng. Abstr.) **(Ger)**

[Differentiated pacemaker therapy] Kappenberger L, et al. **Schweiz Med Wochenschr** 1981 Jan 10;111(2):45-8 (Eng. Abstr.) **(Ger)**

[Can ischemia-induced wall motion abnormalities of the left ventricle be predicted by non-invasive thallium-201 scintigraphy? Comparison with the ventriculography test] Pfisterer M, et al. **Schweiz Med Wochenschr** 1980 Nov 8; 110(45):1643-5 (Eng. Abstr.) **(Ger)**

[Physical activity and capacity in 4 Swiss cities] Howald H, et al. **Schweiz Med Wochenschr [Suppl]** 1981;12:suppl 47-55 (Eng. Abstr.) **(Ger)**

[Physical strain during tocolysis of premature labour (author's transl)] Steyer M, et al. **Z Geburtshilfe Perinatol** 1981 Apr; 185(2):89-93 (Eng. Abstr.) **(Ger)**

[Effect of supplementary mental activity and breaks on the heart rate in physical work] Quaas M, et al. **Z Gesamte Hyg** 1981; 27(1):27-30 (Eng. Abstr.) **(Ger)**

[Relation between HDL cholesterol and ECG findings] Bergert KD, et al. **Z Gesamte Inn Med** 1981 Jul 1;36(13):462-4 (Eng. Abstr.) **(Ger)**

[Heart rate and blood pressure under psychological and physical laboratory stress in young hypertensive patients following long-term therapy with the beta receptor blocker propranolol] Pietruschka WD, et al. **Z Gesamte Inn Med** 1981 Mar 15; 36(6):218-22 (Eng. Abstr.) **(Ger)**

[Echocardiographic values of healthy children in relation to ergometric performance (author's transl)] Bachl N, et al. **Z Kardiol** 1980 Dec;69(12):845-51 (Eng. Abstr.) **(Ger)**

[Hemodynamic and exercise capacity in a 72 years old patient under a ventricular and bifocal pacemaker (author's transl)] Bienmüller H, et al. **Z Kardiol** 1981 Jun;70(6):488-91 (Eng. Abstr.) **(Ger)**

[201-thallium stress scintigram in patients with coronary artery disease after administration of the cardioselective betablocker atenolol (author's transl)] Chlup J, et al. **Z Kardiol** 1981 Jun; 70(6):450-4 (Eng. Abstr.) **(Ger)**

[Examination of the effect of aorto-coronary revascularisation by means of exercise tests (author's transl)] Jehle J, et al. **Z Kardiol** 1981 May;70(5):364-70 (Eng. Abstr.) **(Ger)**

[Metabolic and hormonal response to physical exercise under acute beta 1-adrenergic blockade (author's transl)] Kindermann W, et al. **Z Kardiol** 1981 May;70(5):406-12 (Eng. Abstr.) **(Ger)**

[Serum triglycerides and cholesterol fractions in 2 groups of young women: effect of diet and degree of motor activity] Reggiani E, et al. **Arch E Maragliano Patol Clin** 1979;35:13-8 (81 ref.) (Eng. Abstr.) **(Ita)**

[Rheographic evaluation of peripheral blood flow during isometric exercise] Cifaldi S, et al. **Boll Soc Ital Biol Sper** 1980 Feb 29; 56(4):369-75 (Eng. Abstr.) **(Ita)**

[Determination of maximal anaerobic potential] Data PG, et al. **Boll Soc Ital Biol Sper** 1981 Mar 30;57(6):692-7 (Eng. Abstr.) **(Ita)**

[Dynamic exercise with the bicycle ergometer in normal subjects and patients with essential hypertension after induction of metabolic acidosis and alkalosis] Conte G, et al. **Boll Soc Ital Cardiol** 1980;25(7):863-6 (Eng. Abstr.) **(Ita)**

[Regional hemorheological effects induced by muscular exertion in peripheral obstructive arteriopathy. II.] Perego MA, et al. **Minerva Cardioangiol** 1981 Jul-Aug;29(7-8):375-82 (Eng. Abstr.) **(Ita)**

[Changes of locomotor activities, lipid peroxide levels and their related enzyme activities in rat loaded with swimming exercise (author's transl)] Kishihara C. **Hokkaido Igaku Zasshi** 1980 Nov; 55(6):575-85 (Eng. Abstr.) **(Jpn)**

[Exercise echocardiography: II. Interventricular septal wall dynamics in patients with left anterior descending coronary disease during recovery (author's transl)] Naito H, et al. **J Cardiogr** 1981 Mar;11(1):79-88 (Eng. Abstr.) **(Jpn)**

[Exercise echocardiography: interventricular septal thickness and motion in patients with effort angina during ergometer exercise (author's transl)] Takahashi Y, et al. **J Cardiogr** 1981 Mar; 11(1):67-78 (Eng. Abstr.) **(Jpn)**

[Long-term pacing in conscious dogs with experimental heart block: hemodynamic changes at rest and during exercise (author's transl)] Murata S. **Nippon Geka Hokan** 1981 Jan 1; 50(1):171-89 (Eng. Abstr.) **(Jpn)**

[Hemodynamic response to exercise in the patients with extreme pulmonary hypertension accompanied by mitral stenosis after open mitral commissurotomy (author's transl)] Nakano S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1981 Mar;29(3):335-41 (Eng. Abstr.) **(Jpn)**

[Evaluation of myocardial contractility in healthy elderly men by dynamic exercise echocardiography (author's transl)] Tamaki H. **Nippon Ronen Igakkai Zasshi** 1981 Mar;18(2):88-96 (Eng. Abstr.) **(Jpn)**

[Effect of isometric exertion (handgrip) on left-ventricular activity in angina pectoris evaluated by ultrasonocardiography] Trojnar R, et al. **Kardiol Pol** 1981;24(6):439-44 (Eng. Abstr.) **(Pol)**

[Physical effort effect on cerebral vascular reaction in patients with hypertension (author's transl)] Baran L, et al. **Klin Oczna** 1981 Jan;83(1):11-2 (Eng. Abstr.) **(Pol)**

[Exercise effect on the intraocular pressure: I. Intraocular pressure changes during exercise in eyes without glaucoma (author's transl)] Ogielska E, et al. **Klin Oczna** 1981 Jan;83(1):13-4 (Eng. Abstr.) **(Pol)**

[Arterial blood pressure in obese children after exertion] Mazur B, et al. **Pol Tyg Lek** 1981 Mar 16;36(11):405-8 (Eng. Abstr.) **(Pol)**

[Ventricular tachycardia caused by the use of amiodarone. Report of a case] Curti HV, et al. **Arq Bras Cardiol** 1981 Jan; 36(1):49-51 (Eng. Abstr.) **(Por)**

[Electron microscopic study of signs of skeletal muscle fiber hyperplasia in athletes] Kondalenko VF, et al. **Arkh Anat Gistol Embriol** 1981 Jun;80(6):66-70 (Eng. Abstr.) **(Rus)**

[Biometric characteristics of renal corpuscles in reduced adrenal function and individually dosed physical loading] Potapova IG. **Arkh Anat Gistol Embriol** 1981 Apr;80(4):73-6 (Eng. Abstr.) **(Rus)**

[Ultrastructure of rat skeletal muscle fibers during prolonged static loading] Rezviakov NP, et al. **Arkh Anat Gistol Embriol** 1981 Mar;80(3):53-8 (Eng. Abstr.) **(Rus)**

[Histo- and biochemical characteristics of rat skeletal muscle after prolonged static loading] Rezviakov NP, et al. **Arkh Anat Gistol Embriol** 1981 Jun;80(6):70-5 (Eng. Abstr.) **(Rus)**

[Effect of acute physical stress on changes in the ultrastructure of skeletal muscle fibers] Shmerling MD, et al. **Arkh Anat Gistol Embriol** 1981 Feb;80(2):43-9 (Eng. Abstr.) **(Rus)**

[Response of pituitary and adrenal elements in a state of cardiorespiratory system integration] Sorokin AP, et al. **Arkh Anat Gistol Embriol** 1981 Apr;80(4):67-72 (Eng. Abstr.) **(Rus)**

[Morphofunctional equivalents of the pituitary-adrenal system in disruptions of the integrity of the cardiorespiratory systems] Sorokin AP, et al. **Arkh Anat Gistol Embriol** 1981 May; 80(5):73-8 (Eng. Abstr.) **(Rus)**

[Changes in the structure and cellular makeup of inguinal lymph nodes of white rats after dynamic and static loading] Vikhruk TI. **Arkh Anat Gistol Embriol** 1981 May;80(5):23-30 (Eng. Abstr.) **(Rus)**

[Changes in some properties of 3':5'-AMP-dependent protein kinase from rat skeletal muscles during physical exercise] Kalinskii MI, et al. **Biokhimiia** 1981 Jan;46(1):120-5 (Eng. Abstr.) **(Rus)**

[Importance of chemoreceptor stimuli to the speed of switching the respiratory response to exertion on and off] Breslav IS, et al. **Biull Eksp Biol Med** 1981 May;91(5):522-5 (Eng. Abstr.) **(Rus)**

[Restructuring of the endocrine function of the kidney in hypertension] Nekrasova AA. **Kardiologiia** 1981;21(7):13-20 (Eng. Abstr.) **(Rus)**

[Physical work capacity in isometric and dynamic regimens in patients with stenocardia and cardiac-type neurocirculatory dystonia] Volkov VS, et al. **Kardiologiia** 1981 Apr;21(4):26-9 (Eng. Abstr.) **(Rus)**

[Effect of 1-day water immersion on the indices of the human cardiorespiratory system under physical load] Beliaev SM. **Kosm Biol Aviakosm Med** 1981 Jun-Jul;15(4):24-6 (Eng. Abstr.) **(Rus)**

[Diagnosis and treatment of exacerbated chronic bronchitis and bronchiectasis] Soshenkova GV. **Sov Med** 1981;(5):24-8 (Eng. Abstr.) **(Rus)**

[Mechanism of respiration during exercise in patients with nonspecific lung pathology] Kanaev NN, et al. **Ter Arkh** 1981; 53(3):96-8 (Eng. Abstr.) **(Rus)**

[Importance of obsidan for increasing exercise tolerance in elderly patients with ischemic heart disease] Kotko DN, et al. **Ter Arkh** 1980;52(8):22-5 (Eng. Abstr.) **(Rus)**

[Effect of training and physical load on 3':5'-AMP content and activity fo the enzymes of its metabolism in rat muscle] Kalinskii MI, et al. **Ukr Biokhim Zh** 1980 Sep-Oct;52(5):611-3 (Eng. Abstr.) **(Rus)**

[Peculiarities of blood serum albumin transport function during physical exercise] Tolkacheva NV, et al. **Ukr Biokhim Zh** 1981 Jul-Aug;53(4):26-9 (Eng. Abstr.) **(Rus)**

[Effect of risk factors on the tolerance to physical exertion in chronic ischemic heart disease] Taktuk EE. **Vrach Delo** 1981; (4):71-4 (Eng. Abstr.) **(Rus)**

[Supplementary criteria of a cerebral hemodynamic disorder limiting physical loading in hypertension patients] Vinnitskii AR, et al. **Vrach Delo** 1981 May;(5):63-7 (Eng. Abstr.) **(Rus)**

[Changes in the venous flow of the pulmonary circulation in dependence on altitude and loading in patients with bronchial asthma (author's transl)] Kolesár J, et al. **Bratisl Lek Listy** 1981; 75(4):446-53 (Eng. Abstr.) **(Slo)**

EXPIRATORY RESERVE VOLUME

The relationship between maximal ventilation, breathing pattern and mechanical limitation of ventilation. Jensen JI, et al. **J Physiol (Lond)** 1980 Dec;309:521-32

EYE INJURIES

Eye injuries in racquet sports: a continuing problem [letter] Easterbrook M. **Can Med Assoc J** 1980 Aug 23;123(4):268-9

FACIAL BONES

[Distinctive nature of mountain sport maxillo-facial injuries (author's transl)] Lebeau J, et al. **Rev Stomatol Chir Maxillofac** 1981;82(3):164-6 (Eng. Abstr.) **(Fre)**

FACIAL INJURIES

Common injuries among Nigerian games players. Mathur DN, et al. **Br J Sports Med** 1981 Jun;15(2):129-32

[Distinctive nature of mountain sport maxillo-facial injuries (author's transl)] Lebeau J, et al. **Rev Stomatol Chir Maxillofac** 1981;82(3):164-6 (Eng. Abstr.) **(Fre)**

FASCIA

Transcutaneous nerve stimulation: its significance and applications in podiatry. Grosack MA, et al. **J Foot Surg** 1981 Fall; 20(3):127-35

FASCIITIS

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

FATIGUE

Management of refractory congestive heart failure with prazosin. Awan NA, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):626-34 (32 ref.)

Quantification through the surface EMG of muscle fatigue and recovery during successive isometric contractions. Petrofsky JS. **Aviat Space Environ Med** 1981 Sep;52(9):545-50

Physiological, psychological and performance measures during an endurance record for 5-a-side soccer play. Reilly T, et al. **Br J Sports Med** 1981 Jun;15(2):122-8

Clinical chronopharmacology of ACTH-1 - 17. III. Effects on fatigue, oral temperature, heart rate, grip strength and bronchial patency. Reinberg A, et al. **Chronobiologia** 1981 Apr-Jun; 8(2):101-15

Human motor unit activity during the onset of muscle fatigue in submaximal isometric isotonic contraction. Maton B. **Eur J Applied Physiol** 1981;46(3):271-81

Detection of diaphragmatic fatigue in man by phrenic stimulation. Aubier M, et al. **J Appl Physiol** 1981 Mar;50(3):538-44

Interactions between fatiguing and nonfatiguing isometric contractions. Stafford DE, et al. **J Appl Physiol** 1981 Aug; 51(2):399-404

An electromyographic and cephalometric study on facial pains and facial morphology in children. Christensen LV. **J Oral Rehabil** 1981 May;8(3):267-77

Exhausted horse syndrome. Fowler ME. **J S Afr Vet Assoc** 1980 Jun;51(2):85-6

Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198-204

Biomechanical effects of fatigue on 10,000 meter running technique. Elliot B, et al. **Res Q Exerc Sport** 1981 May;52(2):160-6

Isometric knee extension and plantar flexion muscle fatigue and fiber type composition in female distance runners. Kroll W, et al. **Res Q Exerc Sport** 1981 May;52(2):200-7

FEMORAL FRACTURES

Avulsion injuries of the pelvis and proximal femur. Fernbach SK, et al. **AJR** 1981 Sep;137(3):581-4

Bilateral femoral and tibial shaft stress fractures in a runner. Blatz DJ. **Am J Sports Med** 1981 Sep-Oct;9(5):322-5

FIBRINOLYSIS

[Characteristics of the reaction of the blood fibrinolytic system to physical loading in healthy persons and in elderly ischemic heart disease patients] Korkushko OV, et al. **Kardiologiia** 1981 Apr;21(4):29-33 (Eng. Abstr.) **(Rus)**

FIBULA

[Transmalleolar fixation suture for treatment of peroneal tendon dislocations (author's transl)] Hundemer W. **Unfallheilkunde** 1981 Jun;84(6):237-9 (Eng. Abstr.) **(Ger)**

FINGER INJURIES

A work simulator for rehabilitating the upper extremity-preliminary report. Curtis RM, et al. **J Hand Surg** 1981 Sep;6(5):499-501

[Skier's thumb (author's transl)] Gerber C, et al. **Unfallheilkunde** 1981 Jun;84(6):224-8 (Eng. Abstr.) **(Ger)**

FINGER JOINT

Confirmation of differential loading of lateral and central fibers of the extensor tendon. Micks JE, et al. **J Hand Surg** 1981 Sep; 6(5):462-7

FOLIC ACID

A nutritional study of Irish athletes. Barry A, et al. **Br J Sports Med** 1981 Jun;15(2):99-109

FOOTBALL

Performance of an athlete with straight posterior knee instability. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):203-8

Use of the air-inflated jacket in football. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):240-3

Cryotherapy and nerve palsy. Drez D, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):256-7

General practitioner to a football club. Carne S. **Br Med J [Clin Res]** 1981 Sep 19;283(6294):766-7

Football head and neck injuries--an update. Maroon JC, et al. **Clin Neurosurg** 1980;27:414-29 (34 ref.)

Football injuries in Hawaii 1979. Hale RW, et al. **Hawaii Med J** 1981;40(7):180-2

Neck injuries in football players. Sherk HH, et al. **J Med Soc NJ** 1981 Aug;78(9):579-83

On the field knee exam for the team physician. Barrett GR. **J Miss State Med Assoc** 1981 Sep;22(9):224-7

Biochemical and physiological changes in football players. Pohl AP, et al. **Med J Aust** 1981 May 2;1(9):467-70

Cervical spine injuries resulting from collision sports. Kewalramani LS, et al. **Paraplegia** 1981;19(5):303-12

Significance of lumbar spondylolysis in college football players. Semon RL, et al. **Spine** 1981 Mar-Apr;6(2):172-4

Advances in sports medicine. Prevention of head and neck injuries in football. Reid SE, et al. **Surg Annu** 1981;13:251-70 (32 ref.)

Pneumomediastinum as a complication of athletic competition. Morgan EJ, et al. **Thorax** 1981 Feb;36(2):155-6

FORCED EXPIRATORY FLOW RATES

Effects of SO2 plus NaCl aerosol combined with moderate exercise on pulmonary function in asthmatic adolescents. Koenig JQ, et al. **Environ Res** 1981 Aug;25(2):340-8

Use of isovolume flow curves in the detection of exercise-induced bronchospasm. Rodriguez CH, et al. **Respiration** 1981; 41(2):82-9

FORCED EXPIRATORY VOLUME

Double-blind, randomized, placebo-controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris. Johnson SM, et al. **Am J Med** 1981 Sep; 71(3):443-51

Lung function after marathon running at warm and cold ambient temperatures. Mahler DA, et al. **Am Rev Respir Dis** 1981 Aug; 124(2):154-7

The effect of sustained-release aminophylline on exercise-induced asthma. Phillips MJ, et al. **Br J Dis Chest** 1981 Apr; 75(2):181-9

Arterial plasma histamine after exercise in normal individuals and in patients with exercise-induced asthma. Hartley JP, et al. **Clin Sci** 1981 Aug;61(2):151-7

Effects of SO2 plus NaCl aerosol combined with moderate exercise on pulmonary function in asthmatic adolescents. Koenig JQ, et al. **Environ Res** 1981 Aug;25(2):340-8

Perception of effort and respiratory sensitivity during exposure to ozone. Mihevic PM, et al. **Ergonomics** 1981 May; 24(5):365-74

Effect of (dl) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-di on exercise-induced bronchospasm. Grassi C, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Jul;19(7):297-302

Comparison of hydrostatic weighing at residual volume and total lung capacity. Weltman A, et al. **Med Sci Sports Exerc** 1981; 13(3):210-3

Use of isovolume flow curves in the detection of exercise-induced bronchospasm. Rodriguez CH, et al. **Respiration** 1981; 41(2):82-9

Arterial plasma histamine levels at rest, and during and after exercise in patients with asthma: effects of terbutaline aerosol. Anderson SD, et al. **Thorax** 1981 Apr;36(4):259-67

[Pharmacologic modification of effort dyspnea in children with CARA] Neijens HJ, et al. **Ned Tijdschr Geneeskd** 1981 Aug 8; 125(32):1277-81 (Eng. Abstr.) **(Dut)**

FRACTURES

Avulsion injuries of the pelvis and proximal femur. Fernbach SK, et al. **AJR** 1981 Sep;137(3):581-4

Consecutive indirect patella fractures in an adolescent basketball player. A case report. Hanel DP, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):327-9

Stress fracture of the tarsal navicular. More frequent than we realize? Hunter LY. **Am J Sports Med** 1981 Jul-Aug; 9(4):217-9

Stress fracture of the scaphoid waist. A case report. Manzione M, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):268-9

Hot-air ballooning injuries. Marcus NA, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):318-21

Bilateral fractures of the inferior poles of the patellae in a basketball player. Tibone JE, et al. **Am J Sports Med** 1981 Jul-Aug; 9(4):215-6

Horse injuries. Edixhoven P, et al. **Injury** 1981 Jan; 12(4):279-82

Bicycle injuries in children. Subrahmanyam M, et al. **J Indian Med Assoc** 1980 Dec;75(11-12):220-1

Fracture of the medical sesamoid bone of the hallux. Zinman H, et al. **J Trauma** 1981 Jul;21(7):581-2

Pubic ramus and adductor insertion stress fractures in female basic trainees. Oxburn MS, et al. **Milit Med** 1981 May;146(5):332-4

[Distinctive nature of mountain sport maxillo-facial injuries (author's transl)] Lebeau J, et al. **Rev Stomatol Chir Maxillofac** 1981;82(3):164-6 (Eng. Abstr.) **(Fre)**

FRACTURES, CLOSED

Fracture of the medical sesamoid bone of the hallux. Zinman H, et al. **J Trauma** 1981 Jul;21(7):581-2

FUNCTIONAL RESIDUAL CAPACITY

Comparison of hydrostatic weighing at residual volume and total lung capacity. Weltman A, et al. **Med Sci Sports Exerc** 1981; 13(3):210-3

GYMNASTICS

A normative assessment technique for isotonic strength in college males on the universal gym. Patton RW, et al. **Am Correct Ther J** 1981 May-Jun;35(3):78-81

Women's gymnastics. A significant rule change. Jackson DW. **Am J Sports Med** 1981 Sep-Oct;9(5):345-6

Stress fracture of the scaphoid waist. A case report. Manzione M, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):268-9

Elbow injury in women's gymnastics. Priest JD, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):288-95

Effects of relaxation and/or biofeedback training upon hip flexion in gymnasts. Wilson VE, et al. **Biofeedback Self Regul** 1981 Mar; 6(1):25-34

['Kinetec 3040'--on electrically driven training splint in the aftertreatment of leg injuries (author's transl)] Kleinfeld F. **Aktuel Traumatol** 1980 Dec;10(6):303-6 (Eng. Abstr.) **(Ger)**

[Spinal lesions following modified exercises in adolescent high performance gymnasts] Falter EW, et al. **Fortschr Med** 1981 Feb 5;99(5):145-8 (Eng. Abstr.) **(Ger)**

[Preclinical precautions in the therapeutic treatment of the aged] Lang E. **Ther Umsch** 1981 Jan;38(1):8-13 (Eng. Abstr.) **(Ger)**

[Echocardiographic values of healthy children in relation to ergometric performance (author's transl)] Bachl N, et al. **Z Kardiol** 1980 Dec;69(12):845-51 (Eng. Abstr.) **(Ger)**

[Experience in preventing posttraumatic arthrosis deformans of the knee in athletes] Zavesa PZ, et al. **Ortop Travmatol Protez** 1981 Jun;(6):26-8 (Eng. Abstr.) **(Rus)**

HAND INJURIES

Basic upper extremity orthotics. Delisa JA, et al. **Am Fam Physician** 1981 Aug;24(2):169-75

Bowler's thumb. Moidel RA. **Arthritis Rheum** 1981 Jul; 24(7):972-3

HANDICAPPED

Guidelines for the clarification of the role of developmental/adapted physical education and the therapies. Miller D. **Am Correct Ther J** 1981 May-Jun;35(3):62-5

Wheelchair exercise performance of the young, middle-aged, and elderly. Sawka MN, et al. **J Appl Physiol** 1981 Apr; 50(4):824-8

[Sports and motor development in rehabilitation of the disabled in the South of France - report of a study visit (author's transl)] Dordel HJ, et al. **Rehabilitation (Stuttg)** 1981 May;20(2):76-81 (Eng. Abstr.) **(Ger)**

[Tenth anniversary of Kuratorium fuer Therapeutisches Reiten e.V. (author's transl)] Riesser H. **Rehabilitation (Stuttg)** 1981 May; 20(2):90-1 (Eng. Abstr.) **(Ger)**

HEAD INJURIES

Karate and karate injuries. McLatchie G. **Br J Sports Med** 1981 Mar;15(1):84-6

Common injuries among Nigerian games players. Mathur DN, et al. **Br J Sports Med** 1981 Jun;15(2):129-32

Half a million hours of rugby football. The injuries. Sparks JP. **Br J Sports Med** 1981 Mar;15(1):30-2

Association football injuries to the brain. A preliminary report. Tysvaer A, et al. **Br J Sports Med** 1981 Sep;15(3):163-6

Immediate management of injuries. Walkden L. **Br J Sports Med** 1981 Mar;15(1):68-70

Football head and neck injuries—an update. Maroon JC, et al. **Clin Neurosurg** 1980;27:414-29 (34 ref.)

Pediatric review: head and neck injuries in the young athlete. Burks AW. **J Arkansas Med Soc** 1981 Jul;78(2):102-5

Advances in sports medicine. Prevention of head and neck injuries in football. Reid SE, et al. **Surg Annu** 1981;13:251-70 (32 ref.)

HEALTH EDUCATION

Scuba diving hazards: health counseling. Josephson S. **Am J Nurs** 1981 Aug;81(8):1458-61

The injuries service at the Crystal Palace. Grisogono V. **Br J Sports Med** 1981 Mar;15(1):39-43

Teaching physical fitness: an action approach. King K. **Health Educ (Wash)** 1981 Jan-Feb;12(1):34

Health knowledge and community prevention of coronary heart disease. Puska P, et al. **Int J Health Educ** 1981; 24(2 Suppl):1-11

HEALTH STATUS

[Health status of working women in East Germany. Results of occupational medical fitness and checkup studies] Bräunlich A, et al. **Z Gesamte Hyg** 1981;27(1):76-82 (Eng. Abstr.) **(Ger)**

[Health status study of young apprentices in various occupation groups] Hartmann B, et al. **Z Gesamte Hyg** 1981;27(1):69-72 (Eng. Abstr.) **(Ger)**

[Functional and motor preparedness for passing the standards of the Ready for Labor and Defense test complex as an index to the dynamic health of 7- to 9-year-old children] Apanasenko GL, et al. **Gig Sanit** 1981 Jul;(7):27-30 (Eng. Abstr.) **(Rus)**

HEART

Improved interpretation of a continuous variable in diagnostic testing: probabilistic analysis of scintigraphic rest and exercise left ventricular ejection fractions for coronary disease detection. Diamond GA, et al. **Am Heart J** 1981 Aug;102(2):189-95

Comparison of upright and supine bicycle exercise in the detection and evaluation of extent of coronary artery disease by equilibrium radionuclide ventriculography. Freeman MR, et al. **Am Heart J** 1981 Aug;102(2):182-9

Effect of propranolol on postexercise left ventricular ejection time index. Boudoulas H, et al. **Am J Cardiol** 1981 Aug; 48(2):357-60

The inconsistent pattern of thallium defects: a clue to the false positive perfusion scintigram. Dunn RF, et al. **Am J Cardiol** 1981 Aug;48(2):224-32

Value of exercise thallium-201 imaging in patients with diagnostic and nondiagnostic exercise electrocardiograms. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):233-8

Quantitative radionuclide angiography in assessment of hemodynamic changes during upright exercise: observations in normal subjects, patient with coronary artery disease and patients with aortic regurgitation. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):239-46

Two dimensional echocardiographic evaluation of exercise-induced left and right ventricular asynergy: correlation with thallium scanning. Maurer G, et al. **Am J Cardiol** 1981 Oct; 48(4):720-7

Exercise thallium-201 myocardial imaging in left main coronary artery disease: sensitive but not specific. Rehn T, et al. **Am J Cardiol** 1981 Aug;48(2):217-23

Stress thallium-201 myocardial scintigraphy for the detection of individual coronary arterial lesions in patients with and without previous myocardial infarction. Rigo P, et al. **Am J Cardiol** 1981 Aug;48(2):209-16

Hemodynamic abnormalities in response to supine exercise in patients after operative correction of tetrad of Fallot after early childhood. Rocchini AP. **Am J Cardiol** 1981 Aug; 48(2):325-30

Arterial blood gas standards for healthy young nonsmoking subjects. Andrews JL Jr, et al. **Am J Clin Pathol** 1981 Jun; 75(6):773-80

Myocardial mechanical alterations during gradual onset long-term hypertension in rats. Capasso JM, et al. **Am J Physiol** 1981 Sep; 241(3):H435-41

Contractile proteins and sarcoplasmic reticulum in physiologic cardiac hypertrophy. Malhotra A, et al. **Am J Physiol** 1981 Aug; 241(2):H263-7

Criteria for adequate oxygenation of isometric kitten papillary muscle. Paradise NF, et al. **Am J Physiol** 1981 Sep; 241(3):H348-53

Exercise plasma catecholamines in dogs: role of adrenals and cardiac nerve endings. Péronnet F, et al. **Am J Physiol** 1981 Aug;241(2):H243-7

Exercise-triggered paroxysmal ventricular tachycardia. A repetitive rhythmic activity possibly related to afterdepolarization. Wu D, et al. **Ann Intern Med** 1981 Oct; 95(4):410-4

Effect of stenosed and occluded coronary arteries on immediate and late myocardial uptake of thallium-201. Clitsakis D, et al. **Br Heart J** 1981 Aug;46(2):186-9

Clinical significance of exercise-induced ST segment elevation. Correlative angiographic study in patients with ischaemic heart disease. de Feyter PJ, et al. **Br Heart J** 1981 Jul;46(1):84-92

Use of exercise thallium scintigraphy to assess extent of ischaemic myocardium in patients with left anterior descending artery disease. Hakki AH, et al. **Br Heart J** 1981 Jun;45(6):703-9

Echocardiographic dimensions and maximal oxygen uptake in oarsmen during training. Wieling W, et al. **Br Heart J** 1981 Aug; 46(2):190-5

Prediction of severity of coronary artery disease using slope of submaximal ST segment/heart rate relationship. Elamin MS, et al. **Cardiovasc Res** 1980 Dec;14(12):681-91

Noninvasive assessment of changes in left ventricular function induced by graded isometric exercise in healthy subjects. Ehsani AA, et al. **Chest** 1981 Jul;80(1):51-5

Differentiation of false- from true-positive ECG responses to exercise stress by thallium 201 perfusion imaging. Guiney TE, et al. **Chest** 1981 Jul;80(1):4-10

Exercise thallium 201 scintigraphy in evaluating aortocoronary bypass surgery. Iskandrian AS, et al. **Chest** 1981 Jul; 80(1):11-5

Respiratory alkalemia during exercise reduces angina threshold. Neill WA, et al. **Chest** 1981 Aug;80(2):149-53

Exercise stress laboratories in the future. What should their capabilities be? [editorial] Willerson JT, et al. **Chest** 1981 Jul; 80(1):1-2

Comprehensive analysis of exertional ECG changes before and after oral propranolol. Hossack KF, et al. **Clin Cardiol** 1979 Aug; 2(4):272-80

Electrical activity of the heart in boys aged 10-12 years during running. Vorob'ev AT, et al. **Hum Physiol** 1980 Nov-Dec; 6(6):449-54

Respiratory physiology of exercise: metabolism, gas exchange, and ventilatory control. Wasserman K, et al. **Int Rev Physiol** 1981; 23:149-211 (211 ref.)

Cardiovascular response to treadmill exercise in untrained rats. Gleeson TT, et al. **J Appl Physiol** 1981 Jun;50(6):1206-11

Beat-by-beat stroke volume assessment by pulsed Doppler in upright and supine exercise. Loeppky JA, et al. **J Appl Physiol** 1981 Jun;50(6):1173-82

Left ventricular function and volume during supine exercise in subjects with coronary artery disease. Manyari DE, et al. **J Appl Physiol** 1981 Mar;50(3):636-42

Cardiac function in hypertrophied hearts from chronically exercised female rats. Schaible TF, et al. **J Appl Physiol** 1981 Jun;50(6):1140-5

Cardiorespiratory and metabolic responses to treadmill exercise in the horse. Thomas DP, et al. **J Appl Physiol** 1981 Apr; 50(4):864-8

Stress-strain relation of cardiac muscle determined from ventricular pressure-time relationships during isovolumic contractions. Abé H, et al. **J Biomech** 1981;14(5):357-60

Effects of vanadate on heart and circulation. Borchard U, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):510-21

Relationship between iron status and exercise in male and female growing rats. Bowering J, et al. **J Nutr** 1981 Sep; 111(9):1648-57

Indications and contraindications for exercise testing. **JAMA** 1981 Aug 28;246(9):1015-8

Non-invasive evaluation by thermistor plethysmography of left ventricular performance during dynamic exercise. Comparison with echocardiography. Ferro G, et al. **Jpn Heart J** 1981 May; 22(3):335-43

Echocardiographic examination of women collegiate softball champions. Rubal BJ, et al. **Med Sci Sports Exerc** 1981; 13(3):176-9

Nuclear cardiology (second of two parts). Berger HJ, et al.

PHYSICAL FITNESS/SPORTS MEDICINE

HEART

N Engl J Med 1981 Oct 8;305(15):855–65 (102 ref.)

Occurrence of ST segmental electrical alternans during exercise test [letter] Rozanski JJ, et al. **PACE** 1981 May;4(3):339–40

Neural regulation of cardiovascular response to exercise: Part II. Littell EH. **Phys Ther** 1981 Oct;61(10):1411–8

[Effect of dynamic exercise on left ventricular hemodynamics in obstructive cardiomyopathy] Grbic M, et al. **Schweiz Med Wochenschr** 1980 Nov 8;110(45):1692–6 (Eng. Abstr.) **(Fre)**

[Echocardiographic values of healthy children in relation to ergometric performance (author's transl)] Bachl N, et al. **Z Kardiol** 1980 Dec;69(12):845–51 (Eng. Abstr.) **(Ger)**

[Dynamic exercise with the bicycle ergometer in normal subjects and patients with essential hypertension after induction of metabolic acidosis and alkalosis] Conte G, et al. **Boll Soc Ital Cardiol** 1980;25(7):863–6 (Eng. Abstr.) **(Ita)**

[Evaluation of some hemo-rheological factors in a group of subjects with prior myocardial infarct submitted to exercise tests] Caimi G, et al. **Minerva Cardioangiol** 1981 Jun;29(6):295–300 (Eng. Abstr.) **(Ita)**

[Response of pituitary and adrenal elements in a state of cardiorespiratory system integration] Sorokin AP, et al. **Arkh Anat Gistol Embriol** 1981 Apr;80(4):67–72 (Eng. Abstr.) **(Rus)**

[Changes in intracardiac hemodynamics and the tolerance for physical loading as affected by Nitrong in persons suffering from ischemic heart disease] Gasilin VS, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981;4(1):59–64 (Eng. Abstr.) **(Rus)**

[Assessment of myocardial function and the work capacity of mitral stenosis patients before and after mitral commissurotomy] Buianov VM, et al. **Grudn Khir** 1981 Jul–Aug;(4):23–8 (Eng. Abstr.) **(Rus)**

[Intracardiac hemodynamics and myocardial contractile function indices in chronic ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1981 Jun;21(6):51–5 (Eng. Abstr.) **(Rus)**

[Importance of obsidan for increasing exercise tolerance in elderly patients with ischemic heart disease] Kotko DN, et al. **Ter Arkh** 1980;52(8):22–5 (Eng. Abstr.) **(Rus)**

HEART ATRIUM

Effects of high hydrostatic pressure on rat atrial muscle. Ornhagen HC, et al. **Undersea Biomed Res** 1981 Jun;8(2):113–20

HEART BLOCK

Comparison of physical work capacity and systolic time intervals with ventricular inhibited and atrial synchronous ventricular inhibited pacing. Kruse I, et al. **Br Heart J** 1981 Aug;46(2):129–36

The relationship between QT interval and heart rate during physiological exercise and pacing. Akhras F, et al. **Jpn Heart J** 1981 May;22(3):345–51

[Hemodynamic and exercise capacity in a 72 years old patient under a ventricular and bifocal pacemaker (author's transl)] Bienmüller H, et al. **Z Kardiol** 1981 Jun;70(6):488–91 (Eng. Abstr.) **(Ger)**

[Long-term pacing in conscious dogs with experimental heart block: hemodynamic changes at rest and during exercise (author's transl)] Murata S. **Nippon Geka Hokan** 1981 Jan 1;50(1):171–89 (Eng. Abstr.) **(Jpn)**

HEART CATHETERIZATION

Hemodynamic abnormalities in response to supine exercise in patients after operative correction of tetrad of Fallot after early childhood. Rocchini AP. **Am J Cardiol** 1981 Aug;48(2):325–30

Radionuclide angiographic correlation of the R wave, ejection fraction, and volume responses to upright bicycle exercise. Greenberg PS, et al. **Chest** 1981 Oct;80(4):459–64

Accuracy of diagnosis of coronary artery disease by radionuclide management of left ventricular function during rest and exercise. Jones RH, et al. **Circulation** 1981 Sep;64(3):586–601

Coronary artery disease confined to secondary branches of the left coronary system. Iskandrian AS, et al. **Clin Cardiol** 1981 May;4(3):130–3

Predictive value of early postmyocardial infarction modified treadmill exercise testing in multivessel coronary artery disease detection. Starling MR, et al. **Am Heart J** 1981 Aug;102(2):169–75 **(eng)**

[Effect of dynamic exercise on left ventricular hemodynamics in obstructive cardiomyopathy] Grbic M, et al. **Schweiz Med Wochenschr** 1980 Nov 8;110(45):1692–6 (Eng. Abstr.) **(Fre)**

HEART DISEASES

Heart healthy eating and exercise: introducing and maintaining changes in health behaviors. Coates TJ, et al. **Am J Public Health** 1981 Jan;71(1):15–23

Assessment of left ventricular contractile performance from isovolumic relaxation phase in man. Ahmed SS, et al. **Cardiology** 1981;68(1):1–18

Nuclear cardiology (second of two parts). Berger HJ, et al. **N Engl J Med** 1981 Oct 8;305(15):855–65 (102 ref.)

'Joggitis', 'marathonitis' and marathon mania [letter] Noakes TD. **S Afr Med J** 1981 Jul 18;60(3):84–5

[Morphofunctional equivalents of the pituitary-adrenal system in disruptions of the integrity of the cardiorespiratory systems] Sorokin AP, et al. **Arkh Anat Gistol Embriol** 1981 May;80(5):73–8 (Eng. Abstr.) **(Rus)**

HEART ENLARGEMENT

Pressure-volume overload hypothesis: can it be supported? [letter] Lamont LS. **Am J Cardiol** 1981 Aug;48(2):390–1

Contractile proteins and sarcoplasmic reticulum in physiologic cardiac hypertrophy. Malhotra A, et al. **Am J Physiol** 1981 Aug;241(2):H263–7

The myocardial collagenous connective tissue in experimental cardiac hypertrophy induced by swimming exercise and hypertension. Kunz J, et al. **Exp Pathol** 1981;19(4):206–18

Cardiac function in hypertrophied hearts from chronically exercised female rats. Schaible TF, et al. **J Appl Physiol** 1981 Jun;50(6):1140–5

201Tl-myocardial scintigraphy: current status in coronary artery disease, results of sensitivity/specificity in 3092 patients and clinical recommendations. Hör G, et al. **Nuklearmedizin** 1981 Jun;20(3):136–47

HEART FAILURE, CONGESTIVE

Management of refractory congestive heart failure with prazosin. Awan NA, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):626–34 (32 ref.)

Hemodynamic effects of prazosin in chronic heart failure. Parmley WW, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):622–5

Vasodilator and inotropic agents in treatment of chronic cardiac failure: clinical experience and response in exercise performance. Weber KT, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):569–77 (32 ref.)

Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure. Effect on metabolic responses to submaximal exercise. Wilson JR, et al. **Am J Med** 1981 Oct;71(4):627–33

[Intracardiac hemodynamics and myocardial contractile function indices in chronic ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1981 Jun;21(6):51–5 (Eng. Abstr.) **(Rus)**

HEART FUNCTION TESTS

Anthropometric and cycloergometric assessment of the nutritional status of the children of agricultural migrant workers in Southern Brazil. Desai ID, et al. **Am J Clin Nutr** 1981 Sep;34(9):1925–34

Double-blind, randomized, placebo-controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris. Johnson SM, et al. **Am J Med** 1981 Sep;71(3):443–51

Assessment of left ventricular contractile performance from isovolumic relaxation phase in man. Ahmed SS, et al. **Cardiology** 1981;68(1):1–18

Systolic time intervals in chronic obstructive pulmonary disease. Louridas G, et al. **Cardiology** 1981;68(1):30–41

Effects of treadmill exercise on total and myocardial creatine phosphokinase. Bornheimer JF, et al. **Chest** 1981 Aug;80(2):146–8

The use of propranolol and nifedipine in the medical management of angina pectoris. Fox KM, et al. **Clin Cardiol** 1981 May;4(3):125–9

Beat-by-beat stroke volume assessment by pulsed Doppler in upright and supine exercise. Loeppky JA, et al. **J Appl Physiol** 1981 Jun;50(6):1173–82

[Effect of dynamic exercise on left ventricular hemodynamics in obstructive cardiomyopathy] Grbic M, et al. **Schweiz Med Wochenschr** 1980 Nov 8;110(45):1692–6 (Eng. Abstr.) **(Fre)**

[Assessment of cardiopulmonary functional capacity with ergospirometric parameters at a capacity of 1 w/kg body weight] Schwalb H, et al. **Fortschr Med** 1981 Aug 13;99(30):1196–201 (Eng. Abstr.) **(Ger)**

[Differentiated pacemaker therapy] Kappenberger L, et al. **Schweiz Med Wochenschr** 1981 Jan 10;111(2):45–8 (Eng. Abstr.) **(Ger)**

[Can ischemia-induced wall motion abnormalities of the left ventricle be predicted by non-invasive thallium-201 scintigraphy? Comparison with the ventriculography test] Pfisterer M, et al. **Schweiz Med Wochenschr** 1980 Nov 8;110(45):1643–5 (Eng. Abstr.) **(Ger)**

[Exercise echocardiography: interventricular septal thickness and motion in patients with effort angina during ergometer exercise (author's transl)] Takahashi Y, et al. **J Cardiogr** 1981 Mar; 11(1):67-78 (Eng. Abstr.) **(Jpn)**

[Effect of 1-day water immersion on the indices of the human cardiorespiratory system under physical load] Beliaev SM. **Kosm Biol Aviakosm Med** 1981 Jun-Jul;15(4):34-6 (Eng. Abstr.) **(Rus)**

HEART RATE

Physiological responses to resistance breathing during short and prolonged exercise. Deno NS, et al. **Am Ind Hyg Assoc J** 1981 Aug;42(8):616-23

Effect of propranolol on postexercise left ventricular ejection time index. Boudoulas H, et al. **Am J Cardiol** 1981 Aug; 48(2):357-60

Criteria for adequate oxygenation of isometric kitten papillary muscle. Paradise NF, et al. **Am J Physiol** 1981 Sep; 241(3):H348-53

Arterial blood pressure and the flow in the calf at rest and during reactive hyperemia. Barendsen GJ, et al. **Angiology** 1981 Sep; 32(9):615-23

Effects of antiorthostatic bedrest on the cardiorespiratory responses to exercise. Convertino VA, et al. **Aviat Space Environ Med** 1981 Apr;52(4):251-5

An analysis of submaximal exercise responses in patients with sarcoidosis and fibrosing alveolitis. Spiro SG, et al. **Br J Dis Chest** 1981 Apr;75(2):169-80

Validity of the Astrand-Ryhming nomogram for predicting maximal oxygen intake. Cink RE, et al. **Br J Sports Med** 1981 Sep;15(3):182-5

Physiological, psychological and performance measures during an endurance record for 5-a-side soccer play. Reilly T, et al. **Br J Sports Med** 1981 Jun;15(2):122-8

Physical activity and physical fitness levels of Belgian males aged 40-55 years. De Backer G, et al. **Cardiology** 1981; 67(2):110-28

Physical training program in arterial hypertension. A long-term prospective follow-up. Román O, et al. **Cardiology** 1981; 67(4):230-43

Prediction of severity of coronary artery disease using slope of submaximal ST segment/heart rate relationship. Elamin MS, et al. **Cardiovasc Res** 1980 Dec;14(12):681-91

Control of cardiac output in exercising dogs using different types of workload. Versteeg PG, et al. **Cardiovasc Res** 1981 Mar; 15(3):151-8

Noninvasive assessment of changes in left ventricular function induced by graded isometric exercise in healthy subjects. Ehsani AA, et al. **Chest** 1981 Jul;80(1):51-5

The prolonged effect of pentaerythritol tetranitrate on exercise capacity in stable effort angina pectoris. Giles TD, et al. **Chest** 1981 Aug;80(2):142-5

Differentiation of false- from true-positive ECG responses to exercise stress by thallium 201 perfusion imaging. Guiney TE, et al. **Chest** 1981 Jul;80(1):4-10

Exercise conditioning and cardiopulmonary fitness in cystic fibrosis. The effects of a three-month supervised running program. Orenstein DM, et al. **Chest** 1981 Oct;80(4):392-8

Clinical chronopharmacology of ACTH-1 - 17. III. Effects on fatigue, oral temperature, heart rate, grip strength and bronchial patency. Reinberg A, et al. **Chronobiologia** 1981 Apr-Jun; 8(2):101-15

Comprehensive analysis of exertional ECG changes before and after oral propranolol. Hossack KF, et al. **Clin Cardiol** 1979 Aug; 2(4):272-80

Effects of exercise on plasma viscosity in athletes and sedentary normal subjects. Letcher RL, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):172-9

Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):162-7

Variability of exercise performance during long-term placebo treatment. McGraw BF, et al. **Clin Pharmacol Ther** 1981 Sep; 30(3):321-7

Effect of beta-adrenoceptor blockade on exercise performance and metabolism. Lundborg P, et al. **Clin Sci** 1981 Sep; 61(3):299-305

Perception of effort and respiratory sensitivity during exposure to ozone. Mihevic PM, et al. **Ergonomics** 1981 May; 24(5):365-74

The energy cost of walking and running with and without a backpack load. Keren G, et al. **Eur J Applied Physiol** 1981; 46(3):317-24

Critical analysis of the 'anaerobic threshold' during exercise at constant workloads. Scheen A, et al. **Eur J Applied Physiol** 1981; 46(4):367-77

The validity of anaerobic threshold determination by a Douglas bag method compared with arterial blood lactate concentration. Yoshida T, et al. **Eur J Applied Physiol** 1981;46(4):423-30

Haemodynamic and metabolic effects of combined adrenergic alpha- and beta-receptor blockade with labetalol in the exercising human forearm. Hartling OJ, et al. **Eur J Clin Invest** 1980 Dec;10(6):431-5

Arterial compliance, systolic pressure and heart rate in elderly women at rest and on exercise. Sebban C, et al. **Gerontology** 1981;27(5):271-80

Dependence of human responses to physical exertion during limitation of muscular activity. Panferova NE. **Hum Physiol** 1980 May-Jun;6(3):223-6

Informativeness of the pulse rate for assessment of physical working capacity. Romanenko VA, et al. **Hum Physiol** 1981 Jan-Feb; 7(1):33-7

Cardiovascular response to treadmill exercise in untrained rats. Gleeson TT, et al. **J Appl Physiol** 1981 Jun;50(6):1206-11

Exercise training hypotension: implications for plasma volume, renin, and vasopressin. Greenleaf JE, et al. **J Appl Physiol** 1981 Aug;51(2):298-305

Effect of pedaling rate on submaximal exercise responses of competitive cyclists. Hagberg JM, et al. **J Appl Physiol** 1981 Aug;51(2):447-51

Muscular endurance and surface electromyogram in isometric and dynamic exercise. Hagberg M. **J Appl Physiol** 1981 Jul; 51(1):1-7

Reduced norepinephrine response to dynamic exercise in human subjects during O2 breathing. Hesse B, et al. **J Appl Physiol** 1981 Jul;51(1):176-8

Beat-by-beat stroke volume assessment by pulsed Doppler in upright and supine exercise. Loeppky JA, et al. **J Appl Physiol** 1981 Jun;50(6):1173-82

Influence of streptozotocin-induced diabetes and insulin on the functional capacity of rats. Murphy RD, et al. **J Appl Physiol** 1981 Mar;50(3):482-6

Wheelchair exercise performance of the young, middle-aged, and elderly. Sawka MN, et al. **J Appl Physiol** 1981 Apr; 50(4):824-8

Effect of a precooling maneuver on body temperature and exercise performance. Schmidt V, et al. **J Appl Physiol** 1981 Apr; 50(4):772-8

Interactions between fatiguing and nonfatiguing isometric contractions. Stafford DE, et al. **J Appl Physiol** 1981 Aug; 51(2):399-404

Cardiorespiratory and metabolic responses to treadmill exercise in the horse. Thomas DP, et al. **J Appl Physiol** 1981 Apr; 50(4):864-8

Effects of vanadate on heart and circulation. Borchard U, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):510-21

Therapy of angina pectoris with low-dose perhexiline. Horgan JH, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):566-72

Effects of oxprenolol on the intra-arterial blood pressure response to dynamic exercise in hypertensive men. Millar-Craig MW, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):468-76

Age-related changes of cardiac control function in man. With special reference to heart rate control at rest and during exercise. Sato I, et al. **J Gerontol** 1981 Sep;36(5):564-72

Quantitative thallium-201 exercise scintigraphy for detection of coronary artery disease. Berger BC, et al. **J Nucl Med** 1981 Jul; 22(7):585-93

Blood pressure response to dynamic exercise in healthy children--black vs white. Alpert BS, et al. **J Pediatr** 1981 Oct; 99(4):556-60

Physiological effects of training in elite swimmers as measured by a free swimming test. Lavoie JM, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):38-42

Specificity of submaximal working capacity. Leblanc C, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):15-22

Specificity of training: selective aspects of running. Perez HR. **J Sports Med Phys Fitness** 1981 Mar;21(1):68-73

Storage of biological events by means of a phase locked loop system. von Nettelhorst H, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):43-8

Implications of athlete's bradycardia on lifespan. Kuehn LA. **J Theor Biol** 1981 Jan 21;88(2):279-86

The relationship between QT interval and heart rate during physiological exercise and pacing. Akhras F, et al. **Jpn Heart J** 1981 May;22(3):345-51

Cardiovascular and metabolic responses to isometric exercise of athletes and non-athletes. Rajikin MH. **Med J Malaysia** 1980 Sep;35(1):46-52

The heart rate, perceived exertion, and pace of the 1.5 mile run. Jackson A, et al. **Med Sci Sports Exerc** 1981;13(4):224-8

The maximal steady state versus selected running events. LaFontaine TP, et al. **Med Sci Sports Exerc** 1981;13(3):190-3

Exercise after sleep deprivation. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(4):220-3

Sensory cues for perceived exertion: a review. Mihevic PM. **Med Sci Sports Exerc** 1981;13(3):150-63 (65 ref.)

The effect of drugs on the cardiovascular response to exercise. Powles AC. **Med Sci Sports Exerc** 1981;13(4):252-8 (88 ref.)

PHYSICAL FITNESS/SPORTS MEDICINE

HEART RATE

Echocardiographic examination of women collegiate softball champions. Ruhal BJ, et al. **Med Sci Sports Exerc** 1981; 13(3):176-9

Physical training and adipose tissue fatty acid composition in men. Sutherland WH, et al. **Metabolism** 1981 Sep;30(9):839-44

Occurrence of ST segmental electrical alternans during exercise test [letter] Rozanski JJ, et al. **PACE** 1981 May;4(3):339-40

Effect of physical stress and time-pressure on performance. Lulofs R, et al. **Percept Mot Skills** 1981 Jun;52(3):787-93

Evaluation of exercise training in patients with chronic airway obstruction. Alison JA, et al. **Phys Ther** 1981 Sep; 61(9):1273-7

Neural regulation of cardiovascular response to exercise: Part II. Littell EH. **Phys Ther** 1981 Oct;61(10):1411-8

ECG effects of aerobic dance: a study of five exercise-conditioned young women. Metcalf JA, et al. **Postgrad Med** 1981 Aug; 70(2):219-23

Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23

Cardiovascular differentiation of happiness, sadness, anger, and fear following imagery and exercise. Schwartz GE, et al. **Psychosom Med** 1981 Aug;43(4):343-64

Relative endurance and physiological responses: a study of individual differences in prepubescent boys and adult men. Sady SP, et al. **Res Q Exerc Sport** 1981 May;52(2):246-55

The effect of repeated supine exercise on exercise tolerance and left ventricular pump function in patients with angina pectoris. Carlens P. **Scand J Clin Lab Invest** 1980 Apr;40(2):105-14

Maximal oxygen consumption rate in patients with bronchial asthma-the effect of beta 2-adrenoreceptor stimulation. Ingemann-Hansen T, et al. **Scand J Clin Lab Invest** 1980 Apr; 40(2):99-104

Adaptation to peripheral muscle training. Gaffney FA, et al. **Scand J Rehabil Med** 1981;13(1):11-6

Endurance capacity and exercise response in young Chinese adults. Lien IN, et al. **Taiwan I Hsueh Hui Tsa Chih** 1980 Dec; 79(12):1109-21

Effects of high hydrostatic pressure on rat atrial muscle. Ornhagen HC, et al. **Undersea Biomed Res** 1981 Jun;8(2):113-20

[Cardiorespiratory function in young bronchitis patients, mostly mineworkers, before and after kinesitherapy and exertion training. Comparison with a control group (Preliminary results)] Marcq M, et al. **Rev Inst Hyg Mines (Hasselt)** 1981; 36(1):5-31 (Eng. Abstr.) **(Dut, Fre)**

[Effect of dynamic exercise on left ventricular hemodynamics in obstructive cardiomyopathy] Grbic M, et al. **Schweiz Med Wochenschr** 1980 Nov 8;110(45):1692-6 (Eng. Abstr.) **(Fre)**

[Assessment of cardiopulmonary functional capacity with ergospirometric parameters at a capacity of 1 w/kg body weight] Schwalb H, et al. **Fortschr Med** 1981 Aug 13;99(30):1196-201 (Eng. Abstr.) **(Ger)**

[Clinical relevance of steady-state conditions and heart rate increase during exercise in the detection of pathologic hemodynamics in patients with prosthetic aortic or mitral valve (author's transl)] Kraus F, et al. **Herz** 1981 Aug;6(4):237-46 (Eng. Abstr.) **(Ger)**

[Plasma catecholamines, metabolic substrates, aerobic and anaerobic capacity during graduated treadmill and bicycle ergometer exercise (author's transl)] Lehmann M, et al. **Klin Wochenschr** 1981 Jun 1;59(11):553-9 (Eng. Abstr.) **(Ger)**

[Differentiated pacemaker therapy] Kappenberger L, et al. **Schweiz Med Wochenschr** 1981 Jan 10;111(2):45-8 (Eng. Abstr.) **(Ger)**

[Physical strain during tocolysis of premature labour (author's transl)] Steyer M, et al. **Z Geburtshilfe Perinatol** 1981 Apr; 185(2):89-93 (Eng. Abstr.) **(Ger)**

[Industrial physiology aspects of the cardiovascular reaction in static muscle work] Kramer H, et al. **Z Gesamte Hyg** 1981; 27(1):34-8 (Eng. Abstr.) **(Ger)**

[Effect of supplementary mental activity and breaks on the heart rate in physical work] Quaas M, et al. **Z Gesamte Hyg** 1981; 27(1):27-30 (Eng. Abstr.) **(Ger)**

[Heart rate and blood pressure under psychological and physical laboratory stress in young hypertensive patients following long-term therapy with the beta receptor blocker propranolol] Pietruschka WD, et al. **Z Gesamte Inn Med** 1981 Mar 15; 36(6):218-22 (Eng. Abstr.) **(Ger)**

[Results of electrocardiographic examinations and exercise tests in 18 year old male recruits (author's transl)] Renner F, et al. **Z Kardiol** 1981 Jun;70(6):495-9 (Eng. Abstr.) **(Ger)**

[Rheographic evaluation of peripheral blood flow during isometric exercise] Cifaldi S, et al. **Boll Soc Ital Biol Sper** 1980 Feb 29; 56(4):369-75 (Eng. Abstr.) **(Ita)**

[Long-term pacing in conscious dogs with experimental heart block: hemodynamic changes at rest and during exercise (author's transl)] Murata S. **Nippon Geka Hokan** 1981 Jan 1; 50(1):171-89 (Eng. Abstr.) **(Jpn)**

[Combined use of psychological and physical loading tests in the diagnosis of ischemic heart disease] Kvantaliani TG, et al. **Kardiologiia** 1981 Jun;21(6):68-71 (Eng. Abstr.) **(Rus)**

[Physical work capacity in isometric and dynamic regimens in patients with stenocardia and cardiac-type neurocirculatory dystonia] Volkov VS, et al. **Kardiologiia** 1981 Apr;21(4):26-9 (Eng. Abstr.) **(Rus)**

HEART VALVE DISEASES

Nuclear cardiology (second of two parts). Berger HJ, et al. **N Engl J Med** 1981 Oct 8;305(15):855-65 (102 ref.)

HEART VALVE PROSTHESIS

Preliminary results in mitral valve replacement with St. Jude medical prosthesis: comparison with the Björk-Shiley valve. Horstkotte D, et al. **Circulation** 1981 Aug;64(2 Pt 2):203-9

[Hemodynamic assessment of patients with aortic or mitral valve replacement during exercise (author's transl)] Kraus F, et al. **Herz** 1981 Jun;6(3):138-47 (Eng. Abstr.) **(Ger)**

[Clinical relevance of steady-state conditions and heart rate increase during exercise in the detection of pathologic hemodynamics in patients with prosthetic aortic or mitral valve (author's transl)] Kraus F, et al. **Herz** 1981 Aug;6(4):237-46 (Eng. Abstr.) **(Ger)**

[Metabolism of myocardial catecholamines and plasma catecholamine levels in patients with chronic aortic regurgitation (author's transl)] Mäurer W, et al. **Z Kardiol** 1981 Jul; 70(7):540-6 (Eng. Abstr.) **(Ger)**

HEART VENTRICLE

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

The inconsistent pattern of thallium defects: a clue to the false positive perfusion scintigram. Dunn RF, et al. **Am J Cardiol** 1981 Aug;48(2):224-32

Two dimensional echocardiographic evaluation of exercise-induced left and right ventricular asynergy: correlation with thallium scanning. Maurer G, et al. **Am J Cardiol** 1981 Oct; 48(4):720-7

Two dimensional echocardiographic analysis of wall motion abnormalities during handgrip exercise in patients with coronary artery disease. Mitamura H, et al. **Am J Cardiol** 1981 Oct; 48(4):711-9

Exercise thallium-201 myocardial imaging in left main coronary artery disease: sensitive but not specific. Rehn T, et al. **Am J Cardiol** 1981 Aug;48(2):217-23

Effect of stenosed and occluded coronary arteries on immediate and late myocardial uptake of thallium-201. Clitsakis D, et al. **Br Heart J** 1981 Aug;46(2):186-9

Clinical significance of exercise-induced ST segment elevation. Correlative angiographic study in patients with ischaemic heart disease. de Feyter PJ, et al. **Br Heart J** 1981 Jul;46(1):84-92

Assessment of left ventricular contractile performance from isovolumic relaxation phase in man. Ahmed SS, et al. **Cardiology** 1981;68(1):1-18

Systolic time intervals in chronic obstructive pulmonary disease. Louridas G, et al. **Cardiology** 1981;68(1):30-41

Effects of nitrates on R-wave variations after exercise in coronary heart disease: differences in patients with and without angina pectoris. Lerman J, et al. **Chest** 1981 Aug;80(2):137-41

The effect of an isovolumic left ventricle on the coronary vascular competence during reflow after global ischemia in the rat heart. Humphrey SM, et al. **Circ Res** 1981 Sep;49(3):784-91

Impaired left ventricular diastolic filling in patients with coronary artery disease: assessment with radionuclide angiography. Bonow RO, et al. **Circulation** 1981 Aug;64(2):315-23

The prognostic value of submaximal exercise testing with radionuclide ventriculography before hospital discharge in patients with recent myocardial infarction. Corbett JR, et al. **Circulation** 1981 Sep;64(3):535-44

The exercise test in variant angina: results in 114 patients. de Servi S, et al. **Circulation** 1981 Oct;64(4):684-8

Accuracy of diagnosis of coronary artery disease by radionuclide management of left ventricular function during rest and exercise. Jones RH, et al. **Circulation** 1981 Sep;64(3):586-601

Risk stratification with low-level exercise testing 2 weeks after acute myocardial infarction. Weld FM, et al. **Circulation** 1981 Aug;64(2):306-14

Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):162-7

Left ventricular function and volume during supine exercise in subjects with coronary artery disease. Manyari DE, et al. **J Appl Physiol** 1981 Mar;50(3):636-42

Stress-strain relation of cardiac muscle determined from ventricular pressure-time relationships during isovolumic

contractions. Abé H, et al. **J Biomech** 1981;14(5):357-60
Pre-operative exercise testing in patients suspected of arteriosclerotic heart disease: methods, risks and reproducibility. Bille-Brahe NE, et al. **Scand J Clin Lab Invest** 1981 Feb; 41(1):21-7
The effect of repeated supine exercise on exercise tolerance and left ventricular pump function in patients with angina pectoris. Carlens P. **Scand J Clin Lab Invest** 1980 Apr;40(2):105-14
[Improved myocardial function after transluminal coronary angioplasty (author's transl)] Klepzig H Jr, et al. **Herz** 1981 Aug; 6(4):252-8 (Eng. Abstr.) **(Ger)**
[Differentiated pacemaker therapy] Kappenberger L, et al. **Schweiz Med Wochenschr** 1981 Jan 10;111(2):45-8 (Eng. Abstr.) **(Ger)**
[Can ischemia-induced wall motion abnormalities of the left ventricle be predicted by non-invasive thallium-201 scintigraphy? Comparison with the ventriculography test] Pfisterer M, et al. **Schweiz Med Wochenschr** 1980 Nov 8; 110(45):1643-5 (Eng. Abstr.) **(Ger)**
[Effect of isometric exertion (handgrip) on left-ventricular activity in angina pectoris evaluated by ultrasonocardiography] Trojnar R, et al. **Kardiol Pol** 1981;24(6):439-44 (Eng. Abstr.) **(Pol)**
[Electro- and echocardiographic changes during an angina attack in an ergometrine pharmacological test] Shevchenko OP, et al. **Kardiologiia** 1981 Jun,21(6):62-7 (Eng. Abstr.) **(Rus)**

HEAT

The 100-mile run: preparation, performance, and recovery. A case report. Fred HL. **Am J Sports Med** 1981 Jul-Aug;9(4):258-61
Swim-stress induced changes of rat adrenal catecholamine level depending on metabolic state and different ambient temperature. Bargiel Z, et al. **Folia Histochem Cytochem (Krakow)** 1981; 19(1):31-7
Efficiency of increased energy expenditure during adaptation to heat. Novozhilov GN. **Hum Physiol** 1980 Nov-Dec; 6(6):397-400
Effect of acclimatization to heat on the regulation of sweating during moderate and severe exercise. Davies CT. **J Appl Physiol** 1981 Apr;50(4):741-6
Chronic chlorpromazine administration in rats: effects on ability to work in the heat. Francesconi R, et al. **J Appl Physiol** 1981 Mar;50(3):509-12
Exercise training hypotension: implications for plasma volume, renin, and vasopressin. Greenleaf JE, et al. **J Appl Physiol** 1981 Aug;51(2):298-305
Erythrocyte volume, plasma volume, and acid-base changes in exercise and heat dehydration. van Beaumont W, et al. **J Appl Physiol** 1981 Jun;50(6):1255-62
Panting in dogs: paths of air flow in response to heat and exercise. Goldberg MB, et al. **Respir Physiol** 1981 Mar;43(3):327-38
[Mountain hypothermia: current therapeutic measures (author's transl)] Foray J, et al. **Chirurgie** 1981;107(4):305-10 (Eng. Abstr.) **(Fre)**

HEAT EXHAUSTION

The 100-mile run: preparation, performance, and recovery. A case report. Fred HL. **Am J Sports Med** 1981 Jul-Aug;9(4):258-61
Heat stroke and community runs [letter] Wolfe SM, et al. **Br Med J [Clin Res]** 1981 Jun 20;282(6281):2060
Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)
Prostaglandin E1 hyperthermia: effects on ability to work in the heat. Francesconi R, et al. **J Appl Physiol** 1981 Jul;51(1):62-7
Effect of low-potassium diet on rat exercise hyperthermia and heatstroke mortality. Hubbard RW, et al. **J Appl Physiol** 1981 Jul;51(1):8-13
Veterinary problems during endurance trail rides. Fowler ME. **J S Afr Vet Assoc** 1980 Jun;51(2):87-91

HEMOGLOBINS

Relationship between iron status and exercise in male and female growing rats. Bowering J, et al. **J Nutr** 1981 Sep; 111(9):1648-57
Effects of exercise on iron and copper metabolism in rats. Ruckman KS, et al. **J Nutr** 1981 Sep;111(9):1593-601
Development of of pseudoanemia in marathon runners during a 20-day road race. Dressendorfer RH, et al. **JAMA** 1981 Sep 11;246(11):1215-8
The effect of induced erythrocythemia upon 5-mile treadmill run time. Williams MH, et al. **Med Sci Sports Exerc** 1981; 13(3):169-75

HEXAMETHONIUM COMPOUNDS

Prejunctional inhibition of norepinephrine release caused by acetylcholine in the human saphenous vein. Rorie DK, et al. **Circ Res** 1981 Aug;49(2):337-41

HIP

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

HIP JOINT

Comparison of Müller total hip replacement with and without trochanteric osteotomy. Kinesiologic measurements of 82 cases 2 years after surgery. Murray MP, et al. **Acta Orthop Scand** 1981 Jun;52(3):345-52
Effects of relaxation and/or biofeedback training upon hip flexion in gymnasts. Wilson VE, et al. **Biofeedback Self Regul** 1981 Mar; 6(1):25-34
Nonarticular osteochondroses. Katz JF. **Clin Orthop** 1981 Jul-Aug; (158):70-6
Joint function after total hip arthroplasty: a four-year follow-up of 72 cases with Charnley and Müller replacements. Murray MP, et al. **Clin Orthop** 1981;(157):119-24
Dynamics of the pole vault. Hubbard M. **J Biomech** 1980; 13(11):965-76
Overall principle of lower limb support during stance phase of gait. Winter DA. **J Biomech** 1980;13(11):923-7
Weight bearing as a treatment for damaged hips in juvenile rheumatoid arthritis [letter] Jacobs JC, et al. **N Engl J Med** 1981 Aug 13;305(7):409
Measurement of strength of hip joint muscles. Markhede G, et al. **Scand J Rehabil Med** 1980;12(4):169-74

HOCKEY

Common injuries among Nigerian games players. Mathur DN, et al. **Br J Sports Med** 1981 Jun;15(2):129-32

HUMERAL FRACTURES

Avulsion fracture of the medical epicondyle of the elbow in a young javelin thrower. Haw DW. **Br J Sports Med** 1981 Mar; 15(1):47
[Humeral fracture caused by arm wrestling] Alkalay I, et al. **Harefuah** 1981 Feb 1;100(3):131-2 (Eng. Abstr.) **(Heb)**

HYPERBARIC OXYGENATION

The transportable recompression rescue chamber as an alternative to delayed treatment in serious diving accidents. Melamed Y, et al. **Aviat Space Environ Med** 1981 Aug;52(8):480-4
[EEG-audiometry at hyperbaric environments (author's transl)] Tantschev KS, et al. **Laryngol Rhinol Otol (Stuttg)** 1980; 59(12):834-9 (Eng. Abstr.) **(Ger)**

HYPEREMIA

Comparison of reactive hyperemia and treadmill tests in the evaluation of peripheral vascular disease. Keagy BA, et al. **Am J Surg** 1981 Jul;142(1):158-61
Arterial blood pressure and the flow in the calf at rest and during reactive hyperemia. Barendsen GJ, et al. **Angiology** 1981 Sep; 32(9):615-23
Calf blood flow and vascular resistance during reactive hyperaemia in young athletes and trained middle-aged subjects. Romanovská L, et al. **Physiol Bohemoslov** 1981;30(3):275-80

HYPERTENSION

Metabolism of 3H-catecholamines in the heart and adrenals of spontaneously hypertensive rats (SHR) after running stress. Żukowska-Grójec Z, et al. **Acta Physiol Pol** 1981 Mar-Apr; 32(2):159-67
Non-drug treatment of hypertension. Kaplan NM. **Aust NZ J Med** 1981;11(Suppl 1):73-5
Identifying borderline hypertensives: comparative value of various blood pressure measurements. Hull DH, et al. **Aviat Space Environ Med** 1981 Jul;52(7):399-403
Effects of chronic beta-blockade on intra-arterial blood pressure during motor car driving. Millar-Craig MW, et al. **Br Heart J** 1981 Jun;45(6):643-8
Role of the renin-angiotensin and of the adrenergic system in the blood pressure regulation at exercise in normotensive subjects and in hypertensive patients. Amery A, et al. **Cardiology** 1981; 68(2):103-17
Physical training program in arterial hypertension. A long-term prospective follow-up. Román O, et al. **Cardiology** 1981; 67(4):230-43
Factors associated with the initial blood pressure level and with the subsequent blood pressure increase in a longitudinal population study. The study of men born in 1913. Svärdsudd K, et al. **Eur Heart J** 1980 Oct;1(5):345-54
The myocardial collagenous connective tissue in experimental cardiac hypertrophy induced by swimming exercise and hypertension. Kunz J, et al. **Exp Pathol** 1981;19(4):206-18

PHYSICAL FITNESS/SPORTS MEDICINE

HYPERTENSION

Health knowledge and community prevention of coronary heart disease. Puska P, et al. **Int J Health Educ** 1981; 24(2 Suppl):1-11

Effects of oxprenolol on the intra-arterial blood pressure response to dynamic exercise in hypertensive men. Millar-Craig MW, et al. **J Cardiovasc Pharmacol** 1981 May-Jun;3(3):468-76

Ethnic aspects of boxing and the ringside physician. Williams PT. **J Med Soc NJ** 1981 Sep;78(10):654-6

Ambulatory blood-pressure [letter] **Lancet** 1981 Sep 12; 2(8246):587-8

Reasons for dropout from exercise programs in post-coronary patients. Andrew GM, et al. **Med Sci Sports Exerc** 1981; 13(3):164-8

Trends in coronary heart disease mortality and associated risk factors in New Zealand. Beaglehole R, et al. **NZ Med J** 1981 Jun 10;93(683):371-5

[Decreasing blood pressure in essential hypertension with physical training] Priebe U, et al. **Cor Vasa** 1981;23(3):172-81 (Eng. Abstr.) **(Ger)**

[Heart rate and blood pressure under psychological and physical laboratory stress in young hypertensive patients following long-term therapy with the beta receptor blocker propranolol] Pietruschka WD, et al. **Z Gesamte Inn Med** 1981 Mar 15; 36(6):218-22 (Eng. Abstr.) **(Ger)**

[Dynamic exercise with the bicycle ergometer in normal subjects and patients with essential hypertension after induction of metabolic acidosis and alkalosis] Conte G, et al. **Boll Soc Ital Cardiol** 1980;25(7):863-6 (Eng. Abstr.) **(Ita)**

[Physical effort effect on cerebral vascular reaction in patients with hypertension (author's transl)] Baran L, et al. **Klin Oczna** 1981 Jan;83(1):11-2 (Eng. Abstr.) **(Pol)**

[Restructuring of the endocrine function of the kidney in hypertension] Nekrasova AA. **Kardiologiia** 1981;21(7):13-20 (Eng. Abstr.) **(Rus)**

[Effect of risk factors on the tolerance to physical exertion in chronic ischemic heart disease] Taktuk EE. **Vrach Delo** 1981; (4):71-4 (Eng. Abstr.) **(Rus)**

[Supplementary criteria of a cerebral hemodynamic disorder limiting physical loading in hypertension patients] Vinnitskii AR, et al. **Vrach Delo** 1981 May;(5):63-7 (Eng. Abstr.) **(Rus)**

IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS

201Tl-myocardial scintigraphy: current status in coronary artery disease, results of sensitivity/specificity in 3092 patients and clinical recommendations. Hör G, et al. **Nuklearmedizin** 1981 Jun; 20(3):136-47

[Effect of dynamic exercise on left ventricular hemodynamics in obstructive cardiomyopathy] Grbic M, et al. **Schweiz Med Wochenschr** 1980 Nov 8;110(45):1692-6 (Eng. Abstr.) **(Fre)**

INDOMETHACIN

Ankylosing spondylitis presenting as shoulder pain in an athlete. A case report. Hill JA, et al. **Am J Sports Med** 1981 Jul-Aug; 9(4):262-4

Changes in plasma concentrations of acebutolol, propranolol and indomethacin during physical exercise. Henry JA, et al. **Life Sci** 1981 Apr 27;28(17):1925-9

INSPIRATORY CAPACITY

Comparison of hydrostatic weighing at residual volume and total lung capacity. Weltman A, et al. **Med Sci Sports Exerc** 1981; 13(3):210-3

ISCHEMIA

Pain perception in competitive swimmers. Scott V, et al. **Br Med J [Clin Res]** 1981 Jul 11;283(6248):91-3

Skeletal muscle phosphagen and lactate concentrations in ischaemic dynamic exercise. Ingemann-Hansen T, et al. **Eur J Applied Physiol** 1981;46(3):261-70

Ventilation in exercise studied with circulatory occlusion. Sargeant AJ, et al. **J Appl Physiol** 1981 Apr;50(4):718-23

JAW

Discharge characteristics and stretch sensitivity of jaw muscle afferents in the monkey during controlled isometric bites. Larson CR, et al. **J Neurophysiol** 1981 Jul;46(1):130-42

JOGGING

Doctors' discussion. **Am J Otol** 1981 Jan;2(3):291-3

Overall principle of lower limb support during stance phase of gait. Winter DA. **J Biomech** 1980;13(11):923-7

Do marathoners differ from joggers in personality profile: a sports psychology approach. Valliant PM, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):62-7

Clarification of transient ischemic attack [letter] Gorelick PB. **JAMA** 1981 Oct 2;246(14):1548

What makes us run? [editorial] Appenzeller O. **N Engl J Med** 1981 Sep 3;305(10):578-80

Jogger's kidney: a case of acquired nephroptosis [letter] Goldberg J. **N Engl J Med** 1981 Sep 3;305(10):590

Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23

Energy cost of rebound-running. Katch VL, et al. **Res Q Exerc Sport** 1981 May;52(2):269-72

'Joggitis', 'marathonitis' and marathon mania [letter] Noakes TD. **S Afr Med J** 1981 Jul 18;60(3):84-5

JOINTS

An evaluation of the approaches of optimization models in the prediction of muscle forces during human gait. Patriarco AG, et al. **J Biomech** 1981;14(8):513-25

[Decussations in the human muscular system] Petrova RM, et al. **Arkh Anat Gistol Embriol** 1981 Apr;80(4):32-8 (Eng. Abstr.) **(Rus)**

KNEE

Functional versus organic knee pain in adolescents. A pilot study. Fritz GK, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):247-9

Juxtaarticular hemangioma of the knee associated with a medial synovial plica. A case report. Koch RA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):265-7

Proximal approaches to arthroscopic surgery of the knee. Patel D. **Am J Sports Med** 1981 Sep-Oct;9(5):296-303

Isokinetic versus isotonic variable-resistance training. Smith MJ, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):275-9

Podiatric sports medicine: runner's knee examination form. Blake RL, et al. **J Am Podiatry Assoc** 1981 Jul;71(7):397-403

Isometric knee extension and plantar flexion muscle fatigue and fiber type composition in female distance runners. Kroll W, et al. **Res Q Exerc Sport** 1981 May;52(2):200-7

KNEE INJURIES

Performance of an athlete with straight posterior knee instability. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):203-8

Repair of peripheral meniscus tears. A preliminary report. Cassidy RE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):209-14

Knee flexion device. A device for gaining and maintaining knee flexion after manipulation. Fullerton LR Jr. **Am J Sports Med** 1981 Sep-Oct;9(5):326

Anterolateral rotatory instability of the knee. An analysis of the Ellison procedure. Hanks GA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):225-32

Knee motion in a long leg cast. Krackow KA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):233-9

Intraarticular iliotibial band reconstruction for anterior cruciate ligament insufficiency. Yost JG, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):220-4

Knee ligament injuries induced by skiing. Schaffer DJ. **Ann Emerg Med** 1981 Sep;10(9):472-5

Skiing injuries. Pope MH, et al. **Biomater Med Devices Artif Organs** 1981;9(1):1-13

Injuries in professional footballers. Muckle DS. **Br J Sports Med** 1981 Mar;15(1):77-9

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

Foot-related knee problems in the long distance runner. Lutter LD. **Foot Ankle** 1980 Sep;1(2):112-6

Podiatric sports medicine: runner's knee examination form. Blake RL, et al. **J Am Podiatry Assoc** 1981 Jul;71(7):397-403

On the field knee exam for the team physician. Barrett GR. **J Miss State Med Assoc** 1981 Sep;22(9):224-7

[Epiphyseolysis as a result of tear on the upper tibia (author's transl)] Jókai I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1981;24(1):28-32 (Eng. Abstr.) **(Hun)**

[Experience in preventing posttraumatic arthrosis deformans of the knee in athletes] Zavesa PZ, et al. **Ortop Travmatol Protez** 1981 Jun;(6):26-8 (Eng. Abstr.) **(Rus)**

KNEE JOINT

From the clinic: utilization of the hamstring position (reverse arm) on the NK table for increasing range of motion in the knee joint. Parhad A, et al. **Am Correct Ther J** 1981 May-Jun;35(3):72-6

Performance of an athlete with straight posterior knee instability. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):203-8

Knee motion in a long leg cast. Krackow KA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):233-9

Nonarticular osteochondroses. Katz JF. **Clin Orthop** 1981 Jul-Aug;

(158):70-6

Cardiovascular and respiratory reflexes from muscles during dynamic and static exercise. Tallarida G, et al. **J Appl Physiol** 1981 Apr;50(4):784-91

Overall principle of lower limb support during stance phase of gait. Winter DA. **J Biomech** 1980;13(11):923-7

LEG INJURIES

Acute soft tissue injuries: nature and management. Oakes BW. **Aust Fam Physician** 1981 Jul;10(7 Suppl):3-16

Karate and karate injuries. McLatchie G. **Br J Sports Med** 1981 Mar;15(1):84-6

Glycogen-depletion patterns with isometric and isokinetic exercise in patients after leg injury. Hultén B, et al. **Clin Sci** 1981 Jul; 61(1):35-42

Running symposium. Mann RA, et al. **Foot Ankle** 1981 Jan; 1(4):190-224

['Kinetec 3040'—on electrically driven training splint in the aftertreatment of leg injuries (author's transl)] Kleinfeld F. **Aktuel Traumatol** 1980 Dec;10(6):303-6 (Eng. Abstr.) **(Ger)**

LIFE STYLE

Individual differences in life-style response to coronary artery bypass surgery. Ramshaw JE, et al. **Br J Med Psychol** 1981 Mar; 54(Pt 1):83-9

Exercise and coronary risk factor modification in the management of atherosclerosis. Fletcher GF. **Heart Lung** 1981 Sep-Oct; 10(5):811-3

Exercise and rehabilitation in dialysis patients. Stewart JH. **Med J Aust** 1981 Jun 13;1(12):610-1

Reasons for dropout from exercise programs in post-coronary patients. Andrew GM, et al. **Med Sci Sports Exerc** 1981; 13(3):164-8

Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23

[Physical activity and coronary artery disease (author's transl)] Fellmann H. **Praxis** 1980 Nov 4;69(44):1602-8 (Eng. Abstr.) **(Ger)**

LIGAMENTS

Post traumatic ligamentous instability of the wrist. Israeli A, et al. **Br J Sports Med** 1981 Mar;15(1):17-9

Physical activity and its influence on the repair process of medial collateral ligaments. Vailas AC, et al. **Connect Tissue Res** 1981; 9(1):25-31

The mechanism of the lumbar spine. Gracovetsky S, et al. **Spine** 1981 May-Jun;6(3):249-62

LIGAMENTS, ARTICULAR

Performance of an athlete with straight posterior knee instability. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):203-8

Repair of peripheral meniscus tears. A preliminary report. Cassidy RE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):209-14

Anterolateral rotatory instability of the knee. An analysis of the Ellison procedure. Hanks GA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):225-32

Knee motion in a long leg cast. Krackow KA, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):233-9

Intraarticular iliotibial band reconstruction for anterior cruciate ligament insufficiency. Yost JG, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):220-4

Knee ligament injuries induced by skiing. Schaffer DJ. **Ann Emerg Med** 1981 Sep;10(9):472-5

Acute soft tissue injuries: nature and management. Oakes BW. **Aust Fam Physician** 1981 Jul;10(7 Suppl):3-16

Skiing injuries. Pope MH, et al. **Biomater Med Devices Artif Organs** 1981;9(1):1-13

The management of soft tissue ankle injuries. Crean D. **Br J Sports Med** 1981 Mar;15(1):75-6

Injuries in professional footballers. Muckle DS. **Br J Sports Med** 1981 Mar;15(1):77-9

Nonarticular osteochondroses. Katz JF. **Clin Orthop** 1981 Jul-Aug; (158):70-6

[Experiences and results of replacement of the fibulo-talar ligaments in relatively old ankle-joint traumas (author's transl)] Nizard M, et al. **Aktuel Traumatol** 1981 Jun;11(3):103-7 (Eng. Abstr.) **(Ger)**

[Skier's thumb (author's transl)] Gerber C, et al. **Unfallheilkunde** 1981 Jun;84(6):224-8 (Eng. Abstr.) **(Ger)**

LIPIDS

Diet and muscle metabolism in man with reference to fat and carbohydrate utilization and its regulation. Jansson E. **Acta Physiol Scand [Suppl]** 1980;487:1-24

Decreased and continued physical activity and plasma lipoprotein lipids in previously trained men. Sutherland WH, et al. **Atherosclerosis** 1981 Jun;39(3):307-11

Investigation of insulin sensitivity in early diabetes III. The effect of a combined physical training and diet programme on body weight, serum lipids and insulin sensitivity in obese asymptomatic diabetics. Ratzmann KP, et al. **Endokrinologie** 1981 Apr; 77(2):233-41

Physical activity and coronary heart disease. Clark RS, et al. **Scott Med J** 1981 Jan;26(1):15-20 (42 ref.)

[Prolonged effects of training on adipose tissue glucose metabolism and insulin responsiveness in adult rats (author's transl)] Gommers A, et al. **Diabete Metab** 1981 Jun;7(2):121-6 (Eng. Abstr.) **(Fre)**

[Peculiarities of blood serum albumin transport function during physical exercise] Tolkacheva NV, et al. **Ukr Biokhim Zh** 1981 Jul-Aug;53(4):26-9 (Eng. Abstr.) **(Rus)**

LIVER GLYCOGEN

Significance of glucagon for insulin secretion and hepatic glycogenolysis during exercise in rats. Richter EA, et al. **Horm Metab Res** 1981 Jun;13(6):323-6

LOCOMOTION

Entrainment of the spinal pattern generators for swimming by mechano-sensitive elements in the lamprey spinal cord in vitro. Grillner S, et al. **Brain Res** 1981 Aug 3;217(2):380-6

Comparison of stiffness of soleus and medial gastrocnemius muscles in cats. Walmsley B, et al. **J Neurophysiol** 1981 Aug; 46(2):250-9

Doctor don't run, walk for your health. Tyler M. **Tic** 1981 Jul; 40(7):11, 14

LUMBAR VERTEBRAE

Stress reactions involving the pars interarticularis in young athletes. Jackson DW, et al. **Am J Sports Med** 1981 Sep-Oct; 9(5):304-12

Hot-air ballooning injuries. Marcus NA, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):318-21

The mechanism of the lumbar spine. Gracovetsky S, et al. **Spine** 1981 May-Jun;6(3):249-62

Significance of lumbar spondylolysis in college football players. Semon RL, et al. **Spine** 1981 Mar-Apr;6(2):172-4

LUNG VOLUME MEASUREMENTS

An ergometric analysis of age group swimmers. Armstrong N, et al. **Br J Sports Med** 1981 Mar;15(1):20-6

The effect of pure aerobic training on aerobic and anaerobic capacity. Keren G, et al. **Br J Sports Med** 1981 Mar; 15(1):27-9

Respiratory physiology of exercise: metabolism, gas exchange, and ventilatory control. Wasserman K, et al. **Int Rev Physiol** 1981; 23:149-211 (211 ref.)

Selected physiological characteristics of elite male sprint athletes. Barnes WS. **J Sports Med Phys Fitness** 1981 Mar;21(1):49-54

Echocardiographic examination of women collegiate softball champions. Rubal BJ, et al. **Med Sci Sports Exerc** 1981; 13(3):176-9

Comparison of hydrostatic weighing at residual volume and total lung capacity. Weltman A, et al. **Med Sci Sports Exerc** 1981; 13(3):210-3

[Assessment of cardiopulmonary functional capacity with ergospirometric parameters at a capacity of 1 w/kg body weight] Schwalb H, et al. **Fortschr Med** 1981 Aug 13;99(30):1196-201 (Eng. Abstr.) **(Ger)**

MANDIBLE

Mandibular flexure associated with muscle force applied in the retruded axis position. Omar R, et al. **J Oral Rehabil** 1981 May; 8(3):209-21

[A mechanical carrier for the functional load of the mandible (author's transl)] Junier N, et al. **Rev Stomatol Chir Maxillofac** 1981;82(4):265-72 (Eng. Abstr.) **(Fre)**

MANDIBULAR FRACTURES

[A mechanical carrier for the functional load of the mandible (author's transl)] Junier N, et al. **Rev Stomatol Chir Maxillofac** 1981;82(4):265-72 (Eng. Abstr.) **(Fre)**

MAXIMAL EXPIRATORY FLOW RATE

Pulmonary mechanisms and work of breathing at maximal ventilation and raised air pressure. Hesser CM, et al.

MAXIMAL EXPIRATORY FLOW

J Appl Physiol 1981 Apr;50(4):747-53

MAXIMAL EXPIRATORY FLOW-VOLUME CURVES

Lung function after marathon running at warm and cold ambient temperatures. Mahler DA, et al. **Am Rev Respir Dis** 1981 Aug; 124(2):154-7

The relationship between maximal ventilation, breathing pattern and mechanical limitation of ventilation. Jensen JI, et al. **J Physiol (Lond)** 1980 Dec;309:521-32

MAXIMAL VOLUNTARY VENTILATION

A comparison of ventilatory pulmonary functions between the National Cadet Corps (N.C.C.) of hilly and plain areas. De AK, et al. **Indian J Physiol Pharmacol** 1981 Jan-Mar;25(1):69-72

Pulmonary mechanisms and work of breathing at maximal ventilation and raised air pressure. Hesser CM, et al. **J Appl Physiol** 1981 Apr;50(4):747-53

The relationship between maximal ventilation, breathing pattern and mechanical limitation of ventilation. Jensen JI, et al. **J Physiol (Lond)** 1980 Dec;309:521-32

MEDIAN NERVE

[Mechanomyography - results in a normal population and in patients with thyroid dysfunction (author's transl)] Maurer K, et al. **EEG EMG** 1981 Jun;12(2):94-9 (Eng. Abstr.) **(Ger)**

METACARPUS

[Mineral saturation of the hand bones of adolescent and young adult boxers of Khabarovsk] Zemsha NV. **Arkh Anat Gistol Embriol** 1981 May;80(5):12-17 (Eng. Abstr.) **(Rus)**

METATARSUS

Hallux valgus--etiology, anatomy, treatment and surgical considerations. Mann RA, et al. **Clin Orthop** 1981;(157):31-41

METHANDROSTENOLONE

Effects of methandienone on the performance and body composition of men undergoing athletic training. Hervey GR, et al. **Clin Sci** 1981 Apr;60(4):457-61

Treatment of postmenopausal osteoporosis: some current concepts. Chesnut CH 3d. **Scott Med J** 1981 Jan;26(1):72-80

METHYLPHENIDATE

[Effect of the psychostimulants caffeine and methylphenidate on the efficiency of physical activity in rats exposed to ionizing radiation] Petkov V, et al. **Eksp Med Morfol** 1981;20(2):82-7 (Eng. Abstr.) **(Bul)**

MITRAL VALVE INSUFFICIENCY

Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):162-7

[Hemodynamic assessment of patients with aortic or mitral valve replacement during exercise (author's transl)] Kraus F, et al. **Herz** 1981 Jun;6(3):138-47 (Eng. Abstr.) **(Ger)**

[Kinetics of myocardial isometric relaxation in patients with congenital and acquired heart defects] Markhasin VS, et al. **Biull Eksp Biol Med** 1981 May;91(5):557-9 (Eng. Abstr.)**(Rus)**

MITRAL VALVE STENOSIS

[Hemodynamic assessment of patients with aortic or mitral valve replacement during exercise (author's transl)] Kraus F, et al. **Herz** 1981 Jun;6(3):138-47 (Eng. Abstr.) **(Ger)**

[Hemodynamic response to exercise in the patients with extreme pulmonary hypertension accompanied by mitral stenosis after open mitral commissurotomy (author's transl)] Nakano S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1981 Mar;29(3):335-41 (Eng. Abstr.) **(Jpn)**

[Kinetics of myocardial isometric relaxation in patients with congenital and acquired heart defects] Markhasin VS, et al. **Biull Eksp Biol Med** 1981 May;91(5):557-9 (Eng. Abstr.)**(Rus)**

[Assessment of myocardial function and the work capacity of mitral stenosis patients before and after mitral commissurotomy] Buianov VM, et al. **Grudn Khir** 1981 Jul-Aug;(4):23-8 (Eng. Abstr.) **(Rus)**

MOTOR ACTIVITY

Sensory interactions with a central motor program in anuran larvae. Stehouwer DJ, et al. **Brain Res** 1981 Aug 10;218(1-2):131-40

Human motor unit activity during the onset of muscle fatigue in submaximal isometric isotonic contraction. Maton B. **Eur J Applied Physiol** 1981;46(3):271-81

Effects of antidepressants in the rat forced swimming test. Kitada Y, et al. **Eur J Pharmacol** 1981 Jun 19;72(2-3):145-52

Differential effects of the albino gene on behavior according to task, level of inbreeding, and genetic background. Lassalle JM, et al. **J Comp Physiol Psychol** 1981 Aug;95(4):655-62

Relationship between iron status and exercise in male and female growing rats. Bowering J, et al. **J Nutr** 1981 Sep; 111(9):1648-57

Assessment and treatment of the child with mental retardation. Guidelines for the public school therapist. Montgomery PC. **Phys Ther** 1981 Sep;61(9):1265-72

Effect of surgical or photoperiodic castration, testosterone replacement or pinealectomy on male hamster running rhythmicity. Morin LP, et al. **Physiol Behav** 1981 May; 26(5):825-38

[Sport therapy with psychiatric patients (author's transl)] Deimel H. **Psychiatr Prax** 1980 May;7(2):97-103 (Eng. Abstr.) **(Ger)**

[Serum triglycerides and cholesterol fractions in 2 groups of young women: effect of diet and degree of motor activity] Reggiani E, et al. **Arch E Maragliano Patol Clin** 1979;35:13-8 (81 ref.) (Eng. Abstr.) **(Ita)**

[Changes in the structure and cellular makeup of inguinal lymph nodes of white rats after dynamic and static loading] Vikhruk TI. **Arkh Anat Gistol Embriol** 1981 May;80(5):23-30 (Eng. Abstr.) **(Rus)**

MOTOR SKILLS

Discharge pattern differences between cat interpositus and dentate neurons during isometric lever pressing. Yamamoto K, et al. **Exp Brain Res** 1981;43(1):104-6

Comparison of stiffness of soleus and medial gastrocnemius muscles in cats. Walmsley B, et al. **J Neurophysiol** 1981 Aug; 46(2):250-9

Effects of variability of practice in a movement-education program on motor skill performance. Moore JB, et al. **Percept Mot Skills** 1981 Jun;52(3):779-84

Videotape replay and the learning of skills in open and closed environments. Cooper LK, et al. **Res Q Exerc Sport** 1981 May; 52(2):191-9

Effects of success/failure and extrinsic rewards on intrinsic motivation using a competitive motor task. McCaughan LR, et al. **Res Q Exerc Sport** 1981 May;52(2):208-15

Observation and classification of prehension in preschool children: a reliability study. Moss SC, et al. **Res Q Exerc Sport** 1981 May; 52(2):273-7

A tennis forehand-backhand drive skill test which measures ball control and stroke firmness. Purcell K. **Res Q Exerc Sport** 1981 May;52(2):238-45

Control of HPNS in humans during rapid compression with trimix to 650 m (2131 ft). Bennett PB, et al. **Undersea Biomed Res** 1981 Jun;8(2):85-100

[Functional and motor preparedness for passing the standards of the Ready for Labor and Defense test complex as an index to the dynamic health of 7- to 9-year-old children] Apanasenko GL, et al. **Gig Sanit** 1981 Jul;(7):27-30 (Eng. Abstr.) **(Rus)**

MOUNTAINEERING

Medical science team to climb Mt Everest [news] **JAMA** 1981 Aug 7;246(6):589

[Mountain hypothermia: current therapeutic measures (author's transl)] Foray J, et al. **Chirurgie** 1981;107(4):305-10 (Eng. Abstr.) **(Fre)**

[Distinctive nature of mountain sport maxillo-facial injuries (author's transl)] Lebeau J, et al. **Rev Stomatol Chir Maxillofac** 1981:82(3):164-6 (Eng. Abstr.) **(Fre)**

MUSCLE CONTRACTION

Comparison of Müller total hip replacement with and without trochanteric osteotomy. Kinesiologic measurements of 82 cases 2 years after surgery. Murray MP, et al. **Acta Orthop Scand** 1981 Jun;52(3):345-52

The effect of smooth muscle activation on the mechanical properties of pig carotid arteries. Hudetz AG, et al. **Acta Physiol Acad Sci Hung** 1980;56(3):263-73

Specific features in the electrical and contractile activities of the gastro-intestinal sphincters. Papasova M, et al. **Acta Physiol Pharmacol Bulg** 1981;6(3):19-27

Responses for smooth-muscle strips from the ileo-caecal region to transmural electrical stimulation. Papasova M, et al. **Acta Physiol Pharmacol Bulg** 1981;6(3):3-10

Isokinetic versus isotonic variable-resistance training. Smith MJ, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):275-9

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLE CONTRACTION

Morphological organization and contractile properties of the wrist flexor muscles in the cat. Gonyea WJ, et al. **Anat Rec** 1981 Mar; 199(3):321-39

The effects of local anaesthetics on the isometric contraction of the isolated hemidiaphragm of the rat. Prostran M, et al. **Arch Int Pharmacodyn Ther** 1981 Mar;250(1):30-9

Muscle formation in Ehlers-Danlos syndrome. Bilkey WJ, et al. **Arch Phys Med Rehabil** 1981 Sep;62(9):444-8

Quantification through the surface EMG of muscle fatigue and recovery during successive isometric contractions. Petrofsky JS. **Aviat Space Environ Med** 1981 Sep;52(9):545-50

Contraction of glycerinated muscle fibers as a function of the ATP concentration. Cooke R, et al. **Biophys J** 1979 Nov; 28(2):241-58

The undamped and damped series elastic components of a vascular smooth muscle. Mulvany MJ. **Biophys J** 1979 Jun; 26(3):401-13

Studies of muscular performance in normal and dystrophic subjects. Edwards RH. **Br Med Bull** 1980 May;36(2):159-64 (59 ref.)

Comparison of the recruitment and discharge properties of motor units in human brachial biceps and adductor pollicis during isometric contractions. Kukulka CG, et al. **Brain Res** 1981 Aug 24;219(1):45-55

Neural regulation of glucose 6-phosphate dehydrogenase in rat muscle: effect of denervation and reinnervation. Max SR, et al. **Brain Res** 1981 Sep 7;220(1):131-8

Clinical chronopharmacology of ACTH-1 - 17. III. Effects on fatigue, oral temperature, heart rate, grip strength and bronchial patency. Reinberg A, et al. **Chronobiologia** 1981 Apr-Jun; 8(2):101-15

Prejunctional inhibition of norepinephrine release caused by acetylcholine in the human saphenous vein. Rorie DK, et al. **Circ Res** 1981 Aug;49(2):337-41

Glycogen-depletion patterns with isometric and isokinetic exercise in patients after leg injury. Hultén B, et al. **Clin Sci** 1981 Jul; 61(1):35-42

Electromyographic study of the trapezius (pars media) and rhomboideus major muscles in movements of the arm (part 2). De Freitas V, et al. **Electromyogr Clin Neurophysiol** 1981 Jun-Aug;21(5):479-85

Function of the quadriceps femoris muscle under the full range of forces and differing contraction velocities of concentric work. Eloranta V, et al. **Electromyogr Clin Neurophysiol** 1981 Apr-May;21(4):419-31

dT-dL analysis of the loading effect on surface electromyogram. Ohkoshi K, et al. **Electromyogr Clin Neurophysiol** 1981 Jun-Aug; 21(5):449-67

The time of completed motor acts and impulse activity of single motor units according to the training level and sport specialization of tested persons. Saplinskas JS, et al. **Electromyogr Clin Neurophysiol** 1980 Oct-Dec;20(6):529-39

Estimation of myodynamic parameter values from observations on isometrically contracting muscle groups. Hatze H. **Eur J Applied Physiol** 1981;46(4):325-38

Human motor unit activity during the onset of muscle fatigue in submaximal isometric isotonic contraction. Maton B. **Eur J Applied Physiol** 1981;46(3):271-81

Changes in contractile properties of muscle after strength training in man. Schmidtbleicher D, et al. **Eur J Applied Physiol** 1981; 46(3):221-8

Errors in the use of isokinetic dynamometers. Winter DA, et al. **Eur J Applied Physiol** 1981;46(4):397-408

Relationship between contraction and cyclic GMP levels of guinea pig taenia coli. Janis RA, et al. **Eur J Pharmacol** 1981 Mar 12; 70(2):149-56

Norepinephrine produces tension through electromechanical coupling in rabbit ear artery. Trapani A, et al. **Eur J Pharmacol** 1981 Jun 10;72(1):87-91

Calcium dependence of prejunctional inhibitory effects of adenosine and acetylcholine on adrenergic neurotransmission in canine saphenous veins. Vanhoutte PM, et al. **Eur J Pharmacol** 1981 Jun 19;72(2-3):189-98

Discharge pattern differences between cat interpositus and dentate neurons during isometric lever pressing. Yamamoto K, et al. **Exp Brain Res** 1981;43(1):104-6

Rate of tension development in isometric contractions of a human hand muscle. Miller RG, et al. **Exp Neurol** 1981 Jul; 73(1):267-85

Detection of diaphragmatic fatigue in man by phrenic stimulation. Aubier M, et al. **J Appl Physiol** 1981 Mar;50(3):538-44

Muscular endurance and surface electromyogram in isometric and dynamic exercise. Hagberg M. **J Appl Physiol** 1981 Jul; 51(1):1-7

Blood flow and metabolism during isometric contractions in cat skeletal muscle. Petrofsky JS, et al. **J Appl Physiol** 1981 Mar; 50(3):493-502

Interactions between fatiguing and nonfatiguing isometric contractions. Stafford DE, et al. **J Appl Physiol** 1981 Aug; 51(2):399-404

Cardiovascular and respiratory reflexes from muscles during dynamic and static exercise. Tallarida G, et al. **J Appl Physiol** 1981 Apr;50(4):784-91

An evaluation of the approaches of optimization models in the prediction of muscle forces during human gait. Patriarco AG, et al. **J Biomech** 1981;14(8):513-25

The influence of temperature initial length and electrical activity on the force-velocity relationship of the medial gastrocnemius muscle of the cat. Petrofsky JS, et al. **J Biomech** 1981; 14(5):297-306

The modified sphygmomanometer-an instrument to measure muscle strength: a validation study. Helewa A, et al. **J Chronic Dis** 1981;34(7):353-61

Current evidence for the existence of laryngeal macrotremor and microtremor. Shipp T, et al. **J Forensic Sci** 1981 Jul; 26(3):501-5

Comparison of stiffness of soleus and medial gastrocnemius muscles in cats. Walmsley B, et al. **J Neurophysiol** 1981 Aug; 46(2):250-9

An electromyographic and cephalometric study on facial pains and facial morphology in children. Christensen LV. **J Oral Rehabil** 1981 May;8(3):267-77

Cholinergic and alpha adrenergic augmentation of histamine-induced contraction of canine airway smooth muscle. Leff AR, et al. **J Pharmacol Exp Ther** 1981 Sep;218(3):582-7

Motor units in cross-reinnervated fast and slow twitch muscle of the cat. Bagust J, et al. **J Physiol (Lond)** 1981;313:223-35

Changes in the recruitment threshold of motor units produced by cutaneous stimulation in man. Garnett R, et al. **J Physiol (Lond)** 1981 Feb;311:463-73

Individual excitatory post-synaptic potentials due to muscle spindle Ia afferents in cat triceps surae motoneurones. Harrison PJ, et al. **J Physiol (Lond)** 1981 Mar;312:455-70

The kinetics of post-vibration tension recovery of the isolated rat portal vein. Klemt P, et al. **J Physiol (Lond)** 1981 Mar; 312:281-96

Dynamic properties of the inferior rectus, extensor digitorum longus, diaphragm and soleus muscles of the mouse. Luff AR. **J Physiol (Lond)** 1981;313:161-71

Nervous modulation of spontaneous contractions in bovine mesenteric lymphatics. McHale NG, et al. **J Physiol (Lond)** 1980 Dec;309:461-72

Selected physiological characteristics of elite male sprint athletes. Barnes WS. **J Sports Med Phys Fitness** 1981 Mar;21(1):49-54

The validity of the stretch shortening cycle in selected jumping events. Steben RE, et al. **J Sports Med Phys Fitness** 1981 Mar; 21(1):28-37

The initiation of phasic and tonic contraction by potassium and the effect of calcium, multivalent cations and Ca-antagonist on potassium contracture in guinea-pig vas deferens. Shimodan M, et al. **Jpn J Physiol** 1981;31(1):15-27

Cardiovascular and metabolic responses to isometric exercise of athletes and non-athletes. Rajikin MH. **Med J Malaysia** 1980 Sep;35(1):46-52

Strength comparisons in untrained men and trained women athletes. Morrow JR Jr, et al. **Med Sci Sports Exerc** 1981;13(3):194-7

Factors which affect shivering in man during cold water immersion. Martin S, et al. **Pflugers Arch** 1981 Jul; 391(1):81-3

The effect of hypoxia on mechanical and electrical properties of smooth muscle from the rat portal vein. Sigurdsson SB, et al. **Pflugers Arch** 1981 Jul;391(1):44-8

Effects of isometric muscle training on residual limb volume, strength, and gait of below-knee amputees. Kegel B, et al. **Phys Ther** 1981 Oct;61(10):1419-26

Isometric knee extension and plantar flexion muscle fatigue and fiber type composition in female distance runners. Kroll W, et al. **Res Q Exerc Sport** 1981 May;52(2):200-7

Isometric and isokinetic quadriceps muscle strength in 70-year-old men and women. Aniansson A, et al. **Scand J Rehabil Med** 1980; 12(4):161-8

The alpha-adrenergic blocking effect of prazosin on the human prostate. Shapiro A, et al. **Urol Res** 1981 Mar 17;9(1):17-20

[Mechanomyography - results in a normal population and in patients with thyroid dysfunction (author's transl)] Maurer K, et al. **EEG EMG** 1981 Jun;12(2):94-9 (Eng. Abstr.) **(Ger)**

[Industrial physiology aspects of the cardiovascular reaction in static muscle work] Kramer H, et al. **Z Gesamte Hyg** 1981; 27(1):34-8 (Eng. Abstr.) **(Ger)**

[Biomechanical study of human cerebral arteries (author's transl)] Nagasawa S. **Nippon Geka Hokan** 1980 Sep 1;49(5):620-36 (Eng. Abstr.) **(Jpn)**

[In-vitro motility studies on the strips of the canine gallbladder (author's transl)] Harada M, et al. **Nippon Heikatsukin Gakkai Zasshi** 1980 Mar;16(1):1-6 (Eng. Abstr.) **(Jpn)**

[Effects of some kinds of antibiotics on the electrical and mechanical activities of guinea-pig taenia coli (author's transl)] Nakai Y. **Nippon Heikatsukin Gakkai Zasshi** 1980 Jun; 16(2):93-7 (Eng. Abstr.) **(Jpn)**

[Intramuscular pressure and muscle blood flow during and after

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLE CONTRACTION

contraction (author's transl)] Abe E. **Nippon Seikeigeka Gakkai Zasshi** 1981 Apr;55(4):399–410 (Eng. Abstr.) **(Jpn)**

[Economy of muscle work in an unfused tetanus setup] Gurfinkel' VS, et al. **Biofizika** 1981 Mar–Apr;26(2):371–3 (Eng. Abstr.) **(Rus)**

[Effect of a flight on the Cosmos–936 biosatellite on the contractile properties of rat muscle fibers] Oganov VS, et al. **Kosm Biol Aviakosm Med** 1981 Jun–Jul;15(4):58–61 (Eng. Abstr.) **(Rus)**

MUSCLE RIGIDITY

Electrophysiological studies of gait in spasticity and rigidity. Evidence that altered mechanical properties of muscle contribute to hypertonia. Dietz V, et al. **Brain** 1981 Sep;104(3):431–49

MUSCLE TONUS

Effects of exercise on reflexes in paraplegic monkeys. Yu J, et al. **Acta Neurobiol Exp (Warsz)** 1981;41(3):271–7 (7 ref.)

Comparison of stiffness of soleus and medial gastrocnemius muscles in cats. Walmsley B, et al. **J Neurophysiol** 1981 Aug; 46(2):250–9

Effects of isometric muscle training on residual limb volume, strength, and gait of below–knee amputees. Kegel B, et al. **Phys Ther** 1981 Oct;61(10):1419–26

[An experimental study on the functional recovery of denervated muscles––effects of stump rotation in nerve suture (author's transl)] Nagano A. **Nippon Seikeigeka Gakkai Zasshi** 1981 Apr; 55(4):345–55 (Eng. Abstr.) **(Jpn)**

[Strength of the muscles of the maxillofacial area in physiological bite in preschool children] Molokov VD. **Stomatologiia (Mosk)** 1981;60(4):55–6 (Eng. Abstr.) **(Rus)**

MUSCLES

Effects of exercise on reflexes in paraplegic monkeys. Yu J, et al. **Acta Neurobiol Exp (Warsz)** 1981;41(3):271–7 (7 ref.)

Data on aerobic efficiency of running. Apor P, et al. **Acta Physiol Acad Sci Hung** 1980;56(3):275–80

Effects of age and prolonged running on proteolytic capacity in mouse cardiac and skeletal muscles. Salminen A, et al. **Acta Physiol Scand** 1981 May;112(1):89–95

Diet and muscle metabolism in man with reference to fat and carbohydrate utilization and its regulation. Jansson E. **Acta Physiol Scand [Suppl]** 1980;487:1–24

The role of dietary carbohydrates in muscle glycogen resynthesis after strenuous running. Costill DL, et al. **Am J Clin Nutr** 1981 Sep;34(9):1831–6

Influence of resistance, speed of movement, and forearm position on recruitment of the elbow flexors. Stewart OJ, et al. **Am J Phys Med** 1981 Aug;60(4):165–79

Separate turnover of cytochrome c and myoglobin in the red types of skeletal muscle. Hickson RC, et al. **Am J Physiol** 1981 Sep; 241(3):C140–4

Partial prevention of glucocorticoid–induced muscle atrophy by endurance training. Hickson RC, et al. **Am J Physiol** 1981 Sep; 241(3):E226–32

Intraarticular iliotibial band reconstruction for anterior cruciate ligament insufficiency. Yost JG, et al. **Am J Sports Med** 1981 Jul–Aug;9(4):220–4

Morphological organization and contractile properties of the wrist flexor muscles in the cat. Gonyea WJ, et al. **Anat Rec** 1981 Mar; 199(3):321–39

Muscle formation in Ehlers–Danlos syndrome. Bilkey WJ, et al. **Arch Phys Med Rehabil** 1981 Sep;62(9):444–8

Soft tissue injury rehabilitation: isokinetics, a new concept. Keniham MA, et al. **Aust Fam Physician** 1981 Jul; 10(7 Suppl):17–20

Acute soft tissue injuries: nature and management. Oakes BW. **Aust Fam Physician** 1981 Jul;10(7 Suppl):3–16

Active muscle force and moment response of the human arm and shoulder. Engin AE, et al. **Aviat Space Environ Med** 1981 Sep; 52(9):523–30

Purification and characterization of carboxypeptidase A from rat skeletal muscle. Bodwell JE, et al. **Biochemistry** 1981 May; 20(10):2767–77

Modification of myosin subfragment 1 by carbodiimide in the presence of a nucleophile. Effect on adenosinetriphosphatase activities. Lacombe G, et al. **Biochemistry** 1981 Jun 9; 20(12):3648–53

Contraction of glycerinated muscle fibers as a function of the ATP concentration. Cooke R, et al. **Biophys J** 1979 Nov; 28(2):241–58

Effect of Ca ion concentration on cross–bridge kinetics in rabbit psoas fibers. Evidence for the presence of two Ca–activated states of thin filament. Kawai M, et al. **Biophys J** 1981 Aug; 35(2):375–84

Fluorescence photobleaching recovery in solutions of labeled actin. Lanni F, et al. **Biophys J** 1981 Aug;35(2):351–64

Electrostatic forces in muscle and cylindrical gel systems. Millman BM, et al. **Biophys J** 1980;32(1):49–63

Tremor. Findley LJ, et al. **Br J Hosp Med** 1981 Jul; 26(1):16–32

Effect of tourniquet ischaemia on muscle energy metabolism in meniscectomy patients. Pääkkönen M, et al. **Br J Sports Med** 1981 Sep;15(3):167–71

Glycogen loading: advantages but possible disadvantages. Sharman IM. **Br J Sports Med** 1981 Mar;15(1):64–7

Studies of muscular performance in normal and dyatrophic subjects. Edwards RH. **Br Med Bull** 1980 May;36(2):159–64 (59 ref.)

Nutrition and protein turnover in man. Waterlow JC, et al. **Br Med Bull** 1981 Jan;37(1):5–10 (35 ref.)

Lipid storage myopathy: successful treatment with propranolol. Martyn C, et al. **Br Med J [Clin Res]** 1981 Jun 20; 282(6281):1997–9

Electrophysiological studies of gait in spasticity and rigidity. Evidence that altered mechanical properties of muscle contribute to hypertonia. Dietz V, et al. **Brain** 1981 Sep;104(3):431–49

Neural regulation of glucose 6–phosphate dehydrogenase in rat muscle: effect of denervation and reinnervation. Max SR, et al. **Brain Res** 1981 Sep 7;220(1):131–8

Weight–lifting by normal and deafferented monkeys: evidence for compensatory changes in ongoing movements. Wylie RM, et al. **Brain Res** 1981 Aug 24;219(1):172–7

Nonarticular osteochondroses. Katz JF. **Clin Orthop** 1981 Jul–Aug; (158):70–6

Hallux valgus––etiology, anatomy, treatment and surgical considerations. Mann RA, et al. **Clin Orthop** 1981;(157):31–41

Effects of methandienone on the performance and body composition of men undergoing athletic training. Hervey GR, et al. **Clin Sci** 1981 Apr;60(4):457–61

Glycogen–depletion patterns with isometric and isokinetic exercise in patients after leg injury. Hultén B, et al. **Clin Sci** 1981 Jul; 61(1):35–42

Effect of PH on muscle glycolysis during exercise. Sutton JR, et al. **Clin Sci** 1981 Sep;61(3):331–8

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1–36 (8 ref.)

Exercise. Felig P. **Curr Concepts Nutr** 1981;10:165–72

Replenishment of citric acid cycle intermediates by the purine nucleotide cycle in rat skeletal muscle. Aragón JJ, et al. **Curr Top Cell Regul** 1981;18:131–49

Function of the quadriceps femoris muscle under the full range of forces and differing contraction velocities of concentric work. Eloranta V, et al. **Electromyogr Clin Neurophysiol** 1981 Apr–May;21(4):419–31

Antagonistic effects of endurance training and testosterone on alkaline proteolytic activity in rat skeletal muscles. Dahlmann B, et al. **Eur J Applied Physiol** 1981;46(3):229–35

Estimation of myodynamic parameter values from observations on isometrically contracting muscle groups. Hatze H. **Eur J Applied Physiol** 1981;46(4):325–38

Physiological and muscle enzyme adaptations to two different intensities of swim training. Houston ME, et al. **Eur J Applied Physiol** 1981;46(3):283–91

Skeletal muscle phosphagen and lactate concentrations in ischaemic dynamic exercise. Ingemann–Hansen T, et al. **Eur J Applied Physiol** 1981;46(3):261–70

The effects of a glycogen–loading regimen on the capacity to perform anaerobic exercise. Maughan RJ, et al. **Eur J Applied Physiol** 1981;46(3):211–9

Changes in contractile properties of muscle after strength training in man. Schmidtbleicher D, et al. **Eur J Applied Physiol** 1981; 46(3):221–8

Errors in the use of isokinetic dynamometers. Winter DA, et al. **Eur J Applied Physiol** 1981;46(4):397–408

Haemodynamic and metabolic effects of combined adrenergic alpha– and beta–receptor blockade with labetalol in the exercising human forearm. Hartling OJ, et al. **Eur J Clin Invest** 1980 Dec;10(6):431–5

A morphological study of delayed muscle soreness. Fridén J, et al. **Experientia** 1981 May 15;37(5):506–7

Respiratory physiology of exercise: metabolism, gas exchange, and ventilatory control. Wasserman K, et al. **Int Rev Physiol** 1981; 23:149–211 (211 ref.)

Effect of electrical stimulation on thermal shrinkage temperature of bovine muscle collagen. Judge MD, et al. **J Anim Sci** 1981 Mar;52(3):530–4

Glucose ingestion before and during intense exercise. Bonen A, et al. **J Appl Physiol** 1981 Apr;50(4):766–71

Muscular endurance and surface electromyogram in isometric and dynamic exercise. Hagberg M. **J Appl Physiol** 1981 Jul; 51(1):1–7

Effect of low–potassium diet on rat exercise hyperthermia and heatstroke mortality. Hubbard RW, et al. **J Appl Physiol** 1981 Jul;51(1):8–13

Blood flow and metabolism during isometric contractions in cat skeletal muscle. Petrofsky JS, et al. **J Appl Physiol** 1981 Mar; 50(3):493–502

Ventilation in exercise studied with circulatory occlusion. Sargeant AJ, et al. **J Appl Physiol** 1981 Apr;50(4):718-23

Cardiovascular and respiratory reflexes from muscles during dynamic and static exercise. Tallarida G, et al. **J Appl Physiol** 1981 Apr;50(4):784-91

The influence of temperature initial length and electrical activity on the force-velocity relationship of the medial gastrocnemius muscle of the cat. Petrofsky JS, et al. **J Biomech** 1981; 14(5):297-306

The modified sphygmomanometer-an instrument to measure muscle strength: a validation study. Helewa A, et al. **J Chronic Dis** 1981;34(7):353-61

Comparison of carbohydrate-containing and carbohydrate-restricted hypocaloric diets in the treatment of obesity. Endurance and metabolic fuel homeostasis during strenuous exercise. Bogardus C, et al. **J Clin Invest** 1931 Aug; 68(2):399-404

Estimation of energy metabolism in human skeletal muscle homogenate as a diagnostic aid. Ruitenbeek W, et al. **J Inherited Metab Dis** 1981;4(2):91-2

Childhood mitochondrial myopathy with ophthalmoplegia. Land JM, et al. **J Neurol Sci** 1981 Sep;51(3):371-82

The effects of detraining on an elite power lifter. A case study. Staron RS, et al. **J Neurol Sci** 1981 Aug;51(2):247-57

Discharge characteristics and stretch sensitivity of jaw muscle afferents in the monkey during controlled isometric bites. Larson CR, et al. **J Neurophysiol** 1981 Jul;46(1):130-42

Comparison of stiffness of soleus and medial gastrocnemius muscles in cats. Walmsley B, et al. **J Neurophysiol** 1981 Aug; 46(2):250-9

Motor units in cross-reinnervated fast and slow twitch muscle of the cat. Bagust J, et al. **J Physiol (Lond)** 1981;313:223-35

Individual excitatory post-synaptic potentials due to muscle spindle Ia afferents in cat triceps surae motoneurones. Harrison PJ, et al. **J Physiol (Lond)** 1981 Mar;312:455-70

Dynamic properties of the inferior rectus, extensor digitorum longus, diaphragm and soleus muscles of the mouse. Luff AR. **J Physiol (Lond)** 1981;313:161-71

Veterinary problems during endurance trail rides. Fowler ME. **J S Afr Vet Assoc** 1980 Jun;51(2):87-91

Stuttering: in need of a unifying conceptual framework. Zimmermann GN, et al. **J Speech Hear Res** 1981 Mar; 24(1):25-31

Effects of exercise on protein and amino acid metabolism. Lemon PW, et al. **Med Sci Sports Exerc** 1981;13(3):141-9

Sensory cues for perceived exertion: a review. Mihevic PM. **Med Sci Sports Exerc** 1981;13(3):150-63 (65 ref.)

Skiing research in Japan. Watanabe K. **Med Sci Sports Exerc** 1981; 13(3):205-9

Pubic ramus and adductor insertion stress fractures in female basic trainees. Oxburn MS, et al. **Milit Med** 1981 May;146(5):332-4

Basis of segmental motor control: motoneuron size or motor unit type? Sypert GW, et al. **Neurosurgery** 1981 May;8(5):608-21 (89 ref.)

Support responses of the cardiovascular system to exercise. Part I. Littell EH. **Phys Ther** 1981 Sep;61(9):1260-4

Contralateral effects of upper extremity proprioceptive neuromuscular facilitation patterns. Pink M. **Phys Ther** 1981 Aug; 61(8):1158-62

Experimental production of pressure sores [letter] Lowthian P. **Plast Reconstr Surg** 1981 Aug;68(2):263-4

Ventromedial hypothalamic lesions reduce the number of NA+, K+-ATPase enzyme units in skeletal muscle of weanling rats. Vander Tuig JG, et al. **Proc Soc Exp Biol Med** 1981 Sep; 167(4):475-9

Fenbufen in the treatment of over-use injuries in long-distance runners. Noble C. **S Afr Med J** 1981 Sep 5;60(10):387-8

Evaluation of functional capacity in activities of daily living in 70-year-old men and women. Aniansson A, et al. **Scand J Rehabil Med** 1980;12(4):145-54

Isometric and isokinetic quadriceps muscle strength in 70-year-old men and women. Aniansson A, et al. **Scand J Rehabil Med** 1980; 12(4):161-8

Adaptation to peripheral muscle training. Gaffney FA, et al. **Scand J Rehabil Med** 1981;13(1):11-6

Measurement of strength of hip joint muscles. Markhede G, et al. **Scand J Rehabil Med** 1980;12(4):169-74

Evaluation of upper extremity function in 70-year-old men and women. Sperling L. **Scand J Rehabil Med** 1980;12(4):139-44

The mechanism of the lumbar spine. Gracovetsky S, et al. **Spine** 1981 May-Jun;6(3):249-62

[Malnutrition in 3 hospital populations] Labadarios D, et al. **S Afr Med J** 1981 Aug 1;60(5):213-6 (Eng. Abstr.) **(Afr)**

[Treatment of mentally retarded children with cerebral palsy with intensive muscular training] Nygaard A, et al. **Ugeskr Laeger** 1981 Feb 9;143(7):408-12 (Eng. Abstr.) **(Dan)**

[Muscular training of patients with cerebral palsy] Plum P. **Ugeskr Laeger** 1981 Feb 9;143(7):404-7 (Eng. Abstr.) **(Dan)**

[Electromyographic study of trapezius (middle portion) and rhomboideus major muscles submitted to an isometric tension (author's transl)] de Freitas V, et al. **Anat Anz** 1981; 149(2):176-84 (Eng. Abstr.) **(Fre)**

[Energy metabolism in pregnant and non-pregnant myometrium] Herrmann U Jr, et al. **Schweiz Z Sportmed** 1981 Jun; 29(2):53-9 (Eng. Abstr.) **(Ger)**

[Modification of glycolytic and oxidative skeletal muscle enzymes in man through anaerobic training or anabolic steroids] Pfister B, et al. **Schweiz Z Sportmed** 1981 Jun;29(2):45-52 (Eng. Abstr.) **(Ger)**

[Industrial physiology aspects of the cardiovascular reaction in static muscle work] Kramer H, et al. **Z Gesamte Hyg** 1981; 27(1):34-8 (Eng. Abstr.) **(Ger)**

[Internal mechanics of the musculature, theoretical study of normal and atrophic muscles (author's transl)] Staudte HW. **Z Orthop** 1981 Jun;119(3):266-76 (Eng. Abstr.) **(Ger)**

[Determination of maximal anaerobic potential] Data PG, et al. **Boll Soc Ital Biol Sper** 1981 Mar 30;57(6):692-7 (Eng. Abstr.) **(Ita)**

[Projection of neck muscle afferents to the brain stem of the cats (author's transl)] Murakami S. **Hokkaido Igaku Zasshi** 1980 Nov; 55(6):509-20 (Eng. Abstr.) **(Jpn)**

[Intramuscular pressure and muscle blood flow during and after contraction (author's transl)] Abe E. **Nippon Seikeigeka Gakkai Zasshi** 1981 Apr;55(4):399-410 (Eng. Abstr.) **(Jpn)**

[Muscle lift for epicondylitis lateralis humeri] Havelin LI, et al. **Tidsskr Nor Laegeforen** 1981 May;101(15):954-5 (Eng. Abstr.) **(Nor)**

[Electron microscopic study of signs of skeletal muscle fiber hyperplasia in athletes] Kondalenko VF, et al. **Arkh Anat Gistol Embriol** 1981 Jun;80(6):66-70 (Eng. Abstr.) **(Rus)**

[Decussations in the human muscular system] Petrova RM, et al. **Arkh Anat Gistol Embriol** 1981 Apr;80(4):32-8 (Eng. Abstr.) **(Rus)**

[Ultrastructure of rat skeletal muscle fibers during prolonged static loading] Rezviakov NP, et al. **Arkh Anat Gistol Embriol** 1981 Mar;80(3):53-8 (Eng. Abstr.) **(Rus)**

[Histo- and biochemical characteristics of rat skeletal muscle after prolonged static loading] Rezviakov NP, et al. **Arkh Anat Gistol Embriol** 1981 Jun;80(6):70-5 (Eng. Abstr.) **(Rus)**

[Effect of acute physical stress on changes in the ultrastructure of skeletal muscle fibers] Shmerling MD, et al. **Arkh Anat Gistol Embriol** 1981 Feb;80(2):43-9 (Eng. Abstr.) **(Rus)**

[Economy of muscle work in an unfused tetanus setup] Gurfinkel' VS, et al. **Biofizika** 1981 Mar-Apr;26(2):371-3 (Eng. Abstr.) **(Rus)**

[Effect of glucose 1-phosphate and inorganic phosphate on binding of muscle phosphorylase b by glycogen] Chebotareva NA, et al. **Biokhimiia** 1981 Jul;46(7):1221-5 (Eng. Abstr.) **(Rus)**

[Changes in some properties of 3':5'-AMP-dependent protein kinase from rat skeletal muscles during physical exercise] Kalinskii MI, et al. **Biokhimiia** 1981 Jan;46(1):120-5 (Eng. Abstr.) **(Rus)**

[Comparative study of energy metabolism in the liver and skeletal muscles of rat and rabbit. Effect of starvation] Kosenko EA. **Biokhimiia** 1981;46(8):1389-95 (Eng. Abstr.) **(Rus)**

[Profilament actin in muscle cells of starfish ambulacra] Podgornaia OI, et al. **Biokhimiia** 1981 Jun;46(6):1015-25 (Eng. Abstr.) **(Rus)**

[Effect of a flight on the Cosmos-936 biosatellite on the contractile properties of rat muscle fibers] Oganov VS, et al. **Kosm Biol Aviakosm Med** 1981 Jun-Jul;15(4):58-61 (Eng. Abstr.) **(Rus)**

[Effect of training and physical load on 3':5'-AMP [illegible] activity fo the enzymes of its metabolism in rat m[illegible] [illegible]inskii MI, et al. **Ukr Biokhim Zh** 1980 Sep-Oct;52(5):611-3 (Eng. Abstr.) **(Rus)**

[Peripheral neuropathy and insulinoma (author's transl)] Arbizu T, et al. **Med Clin (Barc)** 1981 Mar 25;76(6):271-4 (Eng. Abstr.) **(Spa)**

MUSCULAR ATROPHY

Autosomal dominant late adult spinal muscular atrophy, type Finkel. Richieri-Costa A, et al. **Am J Med Genet** 1981; 9(2):119-28

Glycogen-depletion patterns with isometric and isokinetic exercise in patients after leg injury. Hultén B, et al. **Clin Sci** 1981 Jul; 61(1):35-42

Protein synthesis rates in atrophied gastrocnemius muscles after limp immobilization. Tucker KR, et al. **J Appl Physiol** 1981 Jul; 51(1):73-7

Childhood mitochondrial myopathy with ophthalmoplegia. Land JM, et al. **J Neurol Sci** 1981 Sep;51(3):371-82

[Internal mechanics of the musculature, theoretical study of normal and atrophic muscles (author's transl)] Staudte HW. **Z Orthop** 1981 Jun;119(3):266-76 (Eng. Abstr.) **(Ger)**

MUSCULAR DISEASES

Lipid storage myopathy: successful treatment with propranolol. Martyn C, et al. **Br Med J [Clin Res]** 1981 Jun 20; 282(6281):1997-9

Effects of conditioning on exertional rhabdomyolysis and serum creatine kinase after severe exercise. Maxwell JH, et al. **Enzyme** 1981;26(4):177-81

Estimation of energy metabolism in human skeletal muscle homogenate as a diagnostic aid. Ruitenbeek W, et al. **J Inherited Metab Dis** 1981;4(2):91-2

Effects of exercise performance on drugs used in musculoskeletal disorders. Day RO. **Med Sci Sports Exerc** 1981;13(4):272-5

MUSCULAR DYSTROPHY

Studies of muscular performance in normal and dystrophic subjects. Edwards RH. **Br Med Bull** 1980 May;36(2):159-64 (59 ref.)

MYOCARDIAL DISEASES

Assessment of left ventricular contractile performance from isovolumic relaxation phase in man. Ahmed SS, et al. **Cardiology** 1981;68(1):1-18

201Tl-myocardial scintigraphy: current status in coronary artery disease, results of sensitivity/specificity in 3092 patients and clinical recommendations. Hör G, et al. **Nuklearmedizin** 1981 Jun; 20(3):136-47

MYOCARDIAL INFARCTION

The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Newman PE. **Am Heart J** 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

Two dimensional echocardiographic evaluation of exercise-induced left and right ventricular asynergy: correlation with thallium scanning. Maurer G, et al. **Am J Cardiol** 1981 Oct; 48(4):720-7

Stress thallium-201 myocardial scintigraphy for the detection of individual coronary arterial lesions in patients with and without previous myocardial infarction. Rigo P, et al. **Am J Cardiol** 1981 Aug;48(2):209-16

Cardiovascular responses to static and dynamic effort three weeks after myocardial infarction. Korhonen UR, et al. **Ann Clin Res** 1980 Aug;12(4):145-51

Dynamic and static exercise haemodynamics after acute myocardial infarction. Korhonen UR. **Ann Clin Res** 1980 Aug;12(4):152-9

Staging after myocardial infarction [letter] Mautner RK. **Ann Intern Med** 1981 Oct;95(4):514

National Exercise and Heart Disease Project. Psychosocial changes observed during a low-level exercise program. Stern MJ, et al. **Arch Intern Med** 1981 Oct;141(11):1463-7

Prognosis in myocardial infarction--the benefits of exercise as seen in non-randomised trials. Shephard RJ, et al. **Br J Sports Med** 1981 Mar;15(1):6-16

Cardiac output and venous return as interdependent and independent variables. Badeer HS. **Cardiology** 1981; 67(2):65-72

The prognostic value of submaximal exercise testing with radionuclide ventriculography before hospital discharge in patients with recent myocardial infarction. Corbett JR, et al. **Circulation** 1981 Sep;64(3):535-44

Risk stratification with low-level exercise testing 2 weeks after acute myocardial infarction. Weld FM, et al. **Circulation** 1981 Aug;64(2):306-14

Rehabilitation of patients after acute myocardial infarction-- an interdisciplinary, family-oriented program. Segev U, et al. **Heart Lung** 1981 Sep-Oct;10(5):841-7

Lipoprotein-cholesterol in coronary-heart-disease (CHD) patients with and without exercise training. Berg A, et al. **Int J Rehabil Res** 1981;4(2):211-3

Prescription of home exercise therapy for cardiovascular fitness. Mulder JA, et al. **J Fam Pract** 1981 Sep;13(3):345-8

Functional assessment of the cardiac patient. Fastabend CP. **J La State Med Soc** 1981 Apr;133(4):49-51

Reasons for dropout from exercise programs in post-coronary patients. Andrew GM, et al. **Med Sci Sports Exerc** 1981; 13(3):164-8

Nuclear cardiology (second of two parts). Berger HJ, et al. **N Engl J Med** 1981 Oct 8;305(15):855-65 (102 ref.)

In-hospital exercise after myocardial infarction does not improve treadmill performance. Sivarajan ES, et al. **N Engl J Med** 1981 Aug 13;305(7):357-62

Exercise prescription. Wenger NK. **Singapore Med J** 1981 Apr; 22(2):68-75 (66 ref.)

Exercise testing with multiple leads in patients with and without previous myocardial infarction. Tubau JF. **West J Med** 1981 Aug; 135(2):109-12

[Telemetry and its significance in the rehabilitation of acute myocardial infarction (author's transl)] Dvořák I, et al. **Cas Lek Cesk** 1981 Jul 30;120(29-30):902-6 (Eng. Abstr.)(Cze)

Predictive value of early postmyocardial infarction modified treadmill exercise testing in multivessel coronary artery disease detection. Starling MR, et al. **Am Heart J** 1981 Aug; 102(2):169-75 (eng)

[Improved myocardial function after transluminal coronary angioplasty (author's transl)] Klepzig H Jr, et al. **Herz** 1981 Aug; 6(4):252-8 (Eng. Abstr.) (Ger)

[Hemodynamic and exercise capacity in a 72 years old patient under a ventricular and bifocal pacemaker (author's transl)] Bienmüller H, et al. **Z Kardiol** 1981 Jun;70(6):488-91 (Eng. Abstr.) (Ger)

[201-thallium stress scintigram in patients with coronary artery disease after administration of the cardioselective betablocker atenolol (author's transl)] Chlup J, et al. **Z Kardiol** 1981 Jun; 70(6):450-4 (Eng. Abstr.) (Ger)

[Examination of the effect of aorto-coronary revascularisation by means of exercise tests (author's transl)] Jehle J, et al. **Z Kardiol** 1981 May;70(5):364-70 (Eng. Abstr.) (Ger)

[Prognostic and diagnostic value of the exercise test and early coronary anamnesis in patients with myocardial infarct studied in a median term follow-up] Marra S, et al. **G Ital Cardiol** 1980; 10(12):1622-33 (Eng. Abstr.) (Ita)

[Evaluation of some hemo-rheological factors in a group of subjects with prior myocardial infarct submitted to exercise tests] Caimi G, et al. **Minerva Cardioangiol** 1981 Jun;29(6):295-300 (Eng. Abstr.) (Ita)

[Ergometric studies during the first year after myocardial infarction in patients which died in next years of observation (author's transl)] Ziołkowski L, et al. **Przegl Lek** 1981;38(5):453-7 (Eng. Abstr.) (Pol)

MYOCLONUS

Tremor. Findley LJ, et al. **Br J Hosp Med** 1981 Jul; 26(1):16-32

MYOSITIS

Plasmapheresis in idiopathic inflammatory myopathy. Experience with 35 patients. Dau PC. **Arch Neurol** 1981 Sep;38(9):544-52

NASAL MUCOSA

Interaction of fastigial pressure response and depressor response to nasal perfusion. Dormer KJ, et al. **J Auton Nerv Syst** 1980 Oct;2(3):269-80

NEUROMUSCULAR DISEASES

Electrophysiological studies of gait in spasticity and rigidity. Evidence that altered mechanical properties of muscle contribute to hypertonia. Dietz V, et al. **Brain** 1981 Sep;104(3):431-49

[Mechanomyography - results in a normal population and in patients with thyroid dysfunction (author's transl)] Maurer K, et al. **EEG EMG** 1981 Jun;12(2):94-9 (Eng. Abstr.) (Ger)

NIALAMIDE

Induction of swimming in the high spinal stingray by L-DOPA. Williams BJ, et al. **Brain Res** 1981 Sep 7;220(1):208-13

NITROGEN

Effects of methandienone on the performance and body composition of men undergoing athletic training. Hervey GR, et al. **Clin Sci** 1981 Apr;60(4):457-61

NOREPINEPHRINE

The effect of smooth muscle activation on the mechanical properties of pig carotid arteries. Hudetz AG, et al. **Acta Physiol Acad Sci Hung** 1980;56(3):263-73

Exercise plasma catecholamines in dogs: role of adrenals and cardiac nerve endings. Péronnet F, et al. **Am J Physiol** 1981 Aug;241(2):H243-7

Obesity: is obesity metabolic? Jung RT, et al. **Br J Hosp Med** 1980 Dec;24(6):503-9

Prejunctional inhibition of norepinephrine release caused by acetylcholine in the human saphenous vein. Rorie DK, et al. **Circ Res** 1981 Aug;49(2):337-41

Norepinephrine produces tension through electromechanical coupling in rabbit ear artery. Trapani A, et al. **Eur J Pharmacol** 1981 Jun 10;72(1):87-91

Calcium dependence of prejunctional inhibitory effects of adenosine and acetylcholine on adrenergic neurotransmission in canine saphenous veins. Vanhoutte PM, et al. **Eur J Pharmacol** 1981 Jun 19;72(2-3):189-98

The effect of light exercise on the plasma superoxide dismutase activity and on the plasma noradrenaline concentration. Minami M, et al. **Ind Health** 1981;19(2):133-8

Reduced norepinephrine response to dynamic exercise in human subjects during O2 breathing. Hesse B, et al. **J Appl Physiol** 1981 Jul;51(1):176-8

Biochemical variability in a tem sports situation. Biersner RJ, et al. **J Human Stress** 1981 Sep;7(3):12-7

Cholinergic and alpha adrenergic augmentation of histamine-induced contraction of canine airway smooth muscle. Leff AR, et al. **J Pharmacol Exp Ther** 1981 Sep;218(3):582-7

The kinetics of post-vibration tension recovery of the isolated rat portal vein. Klemt P, et al. **J Physiol (Lond)** 1981 Mar; 312:281-96

Note on estimating catecholamines in urine sampled after 75-min periods of mental work and inactivity. Forsman L. **J Psychosom Res** 1981;25(3):223-5

The effect of catecholamines or sodium lactate on blood lactate distribution in the rat. Aragno R. **J Sports Med Phys Fitness** 1981 Mar;21(1):7-14

Effect of prolonged exercise on plasma prostaglandin levels. Demers LM, et al. **Prostaglandins Med** 1981 Apr;6(4):413-8

[Effect of muscular exercise and metabolic control on cortisol, growth hormone, plasma-epinephrine and plasma-norepinephrine in type-I diabetics (author's transl)] Mühlhauser I, et al. **Acta Med Austriaca** 1981;8(2):48-53 (Eng. Abstr.) **(Ger)**

[Plasma catecholamines, metabolic substrates, aerobic and anaerobic capacity during graduated treadmill and bicycle ergometer exercise (author's transl)] Lehmann M, et al. **Klin Wochenschr** 1981 Jun 1;59(11):553-9 (Eng. Abstr.) **(Ger)**

[Metabolic and hormonal response to physical exercise under acute beta 1-adrenergic blockade (author's transl)] Kindermann W, et al. **Z Kardiol** 1981 May;70(5):406-12 (Eng. Abstr.) **(Ger)**

[Metabolism of myocardial catecholamines and plasma catecholamine levels in patients with chronic aortic regurgitation (author's transl)] Mäurer W, et al. **Z Kardiol** 1981 Jul; 70(7):540-6 (Eng. Abstr.) **(Ger)**

NOSE

Respiratory function during physical exercise in normal and obstructed noses. Togawa K, et al. **Arch Otorhinolaryngol** 1981; 232(1):1-10

NUTRITION

A nutritional study of Irish athletes. Barry A, et al. **Br J Sports Med** 1981 Jun;15(2):99-109

Nutrition and protein turnover in man. Waterlow JC, et al. **Br Med Bull** 1981 Jan;37(1):5-10 (35 ref.)

Nutrition and athletic performance. Smith NJ. **Med Times** 1981 Aug;109(8):92-107

OBESITY

The prevalence of coronary risk factors in children--a review. Armstrong N, et al. **Acta Paediatr Belg** 1980 Oct-Dec; 33(4):209-17 (92 ref.)

The 'metabolically-obese,' normal-weight individual. Ruderman NB, et al. **Am J Clin Nutr** 1981 Aug;34(8):1617-21

Obesity: is obesity metabolic? Jung RT, et al. **Br J Hosp Med** 1980 Dec;24(6):503-9

HDL-cholesterol as a negative risk factor. Rifkind BM. **Curr Concepts Nutr** 1981;10:79-87

Metabolic fuels and the capacity for exercise during hypocaloric diet. Bogardus C, et al. **Int J Obes** 1981;5(3):295-6

The effect of a very-low-calorie diet with and without chronic exercise on thyroid and sex hormones, plasma proteins, oxygen uptake, insulin and c peptide concentrations in obese women. Krotkiewski M, et al. **Int J Obes** 1981;5(3):287-93

Comparison of carbohydrate-containing and carbohydrate-restricted hypocaloric diets in the treatment of obesity. Endurance and metabolic fuel homeostasis during strenuous exercise. Bogardus C, et al. **J Clin Invest** 1981 Aug; 68(2):399-404

Obesity in children and adolescents. Turner TJ. **JDBP** 1980 Mar; 1(1):43-7

The behaviour of some biologic parameters in obese patients after short-term exercise under restrictive diets. Dumitrescu C, et al. **Med Interne** 1981 Apr-Jun;19(2):199-204

The medical management of obesity. Schteingart DE. **Mich Med** 1981 Jun;80(17):322-4

Trends in coronary heart disease mortality and associated risk factors in New Zealand. Beaglehole R, et al. **NZ Med J** 1981 Jun 10;93(685):371-5

From beltline to steering wheel: the vanishing space. An informal study of persistent weight gain of truck drivers. Rather RJ, et al. **SD J Med** 1981 Mar;24(3):21-4

[Arterial blood pressure in obese children after exertion] Mazur B, et al. **Pol Tyg Lek** 1981 Mar 16;36(11):405-8 (Eng. Abstr.) **(Pol)**

[Effect of risk factors on the tolerance to physical exertion in chronic ischemic heart disease] Taktuk EE. **Vrach Delo** 1981; (4):71-4 (Eng. Abstr.) **(Rus)**

ORBIT

[Hydraulic fractures of the orbit in children] Anton M, et al. **Rozhl Chir** 1980 Jul;59(7):460-5 (Eng. Abstr.) **(Cze)**

OSTEOARTHRITIS

'Joggitis', 'marathonitis' and marathon mania [letter] Noakes TD. **S Afr Med J** 1981 Jul 18;60(3):84-5

OSTEOPOROSIS

Treatment of postmenopausal osteoporosis: some current concepts. Chesnut CH 3d. **Scott Med J** 1981 Jan;26(1):72-80

OXYGEN CONSUMPTION

Altered exercise ventilatory responses by apparent propranolol-diminished glucose metabolism: implications concerning impaired physical training benefit in coronary patients. Hossack KF, et al. **Am Heart J** 1981 Sep; 102(3 Pt 1):378-82

Physiological responses to resistance breathing during short and prolonged exercise. Deno NS, et al. **Am Ind Hyg Assoc J** 1981 Aug;42(8):616-23

Hemodynamic abnormalities in response to supine exercise in patients after operative correction of tetrad of Fallot after early childhood. Rocchini AP. **Am J Cardiol** 1981 Aug; 48(2):325-30

Digoxin-induced positive exercise tests: their clinical and prognostic significance. Sketch MH, et al. **Am J Cardiol** 1981 Oct;48(4):655-9

The role of dietary carbohydrates in muscle glycogen resynthesis after strenuous running. Costill DL, et al. **Am J Clin Nutr** 1981 Sep;34(9):1831-6

Arterial blood gas standards for healthy young nonsmoking subjects. Andrews JL Jr, et al. **Am J Clin Pathol** 1981 Jun; 75(6):773-80

Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure. Effect on metabolic responses to submaximal exercise. Wilson JR, et al. **Am J Med** 1981 Oct;71(4):627-33

Mixed venous oxygenation, exercise, body posture, and v/q ratio in chronic obstructive pulmonary disease. Minh VD, et al. **Am Rev Respir Dis** 1981 Sep;124(3):226-31

Transmural adenosine with increased cardiac work. McKenzie JE, et al. **Basic Res Cardiol** 1981 Jul-Aug;76(4):372-6

Echocardiographic dimensions and maximal oxygen uptake in oarsmen during training. Wieling W, et al. **Br Heart J** 1981 Aug; 46(2):190-5

An analysis of submaximal exercise responses in patients with sarcoidosis and fibrosing alveolitis. Spiro SG, et al. **Br J Dis Chest** 1981 Apr;75(2):169-80

An ergometric analysis of age group swimmers. Armstrong N, et al. **Br J Sports Med** 1981 Mar;15(1):20-6

Validity of the Astrand-Ryhming nomogram for predicting maximal oxygen intake. Cink RE, et al. **Br J Sports Med** 1981 Sep;15(3):182-5

Blood lactate concentration following maximum exercise in trained subjects. Gass GC, et al. **Br J Sports Med** 1981 Sep; 15(3):172-6

The effect of pure aerobic training on aerobic and anaerobic capacity. Keren G, et al. **Br J Sports Med** 1981 Mar; 15(1):27-9

Role of the renin-angiotensin and of the adrenergic system in the blood pressure regulation at exercise in normotensive subjects and in hypertensive patients. Amery A, et al. **Cardiology** 1981; 68(2):103-17

Relative cardiac efficiency and ST depression during progressive exercise test. Berényi I, et al. **Cardiology** 1981;68(1):54-8

Respiratory alkalemia during exercise reduces angina threshold. Neill WA, et al. **Chest** 1981 Aug;80(2):149-53

Exercise conditioning and cardiopulmonary fitness in cystic fibrosis. The effects of a three-month supervised running program. Orenstein DM, et al. **Chest** 1981 Oct;80(4):392-8

Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):162-7

Physiology of gas exchange and exertional dyspnoea. Wasserman K. **Clin Sci** 1981 Jul;61(1):7-13 (21 ref.)

Exercise. Felig P. **Curr Concepts Nutr** 1981;10:165-72

Critical power as a measure of physical work capacity and anaerobic threshold. Moritani T, et al. **Ergonomics** 1981 May; 24(5):339-50

The energy cost of walking and running with and without a backpack load. Keren G, et al. **Eur J Applied Physiol** 1981; 46(3):317-24

PHYSICAL FITNESS/SPORTS MEDICINE

OXYGEN CONSUMPTION

Critical analysis of the 'anaerobic threshold' during exercise at constant workloads. Scheen A, et al. **Eur J Applied Physiol** 1981; 46(4):367-77
Haemodynamic and metabolic effects of combined adrenergic alpha- and beta-receptor blockade with labetalol in the exercising human forearm. Hartling OJ, et al. **Eur J Clin Invest** 1980 Dec;10(6):431-5
Arterial compliance, systolic pressure and heart rate in elderly women at rest and on exercise. Sebban C, et al. **Gerontology** 1981;27(5):271-80
Hemodynamics in healthy subjects during moderate physical exertion in the lying and sitting positions. Katkovskii BS, et al. **Hum Physiol** 1980 Nov-Dec;6(6):407-10
Metabolic fuels and the capacity for exercise during hypocaloric diet. Bogardus C, et al. **Int J Obes** 1981;5(3):295-6
The effect of a very-low-calorie diet with and without chronic exercise on thyroid and sex hormones, plasma proteins, oxygen uptake, insulin and c peptide concentrations in obese women. Krotkiewski M, et al. **Int J Obes** 1981;5(3):287-93
Effect of acclimatization to heat on the regulation of sweating during moderate and severe exercise. Davies CT. **J Appl Physiol** 1981 Apr;50(4):741-6
Cardiovascular response to treadmill exercise in untrained rats. Gleeson TT, et al. **J Appl Physiol** 1981 Jun;50(6):1206-11
Effect of pedaling rate on submaximal exercise responses of competitive cyclists. Hagberg JM, et al. **J Appl Physiol** 1981 Aug;51(2):447-51
Influence of streptozotocin-induced diabetes and insulin on the functional capacity of rats. Murphy RD, et al. **J Appl Physiol** 1981 Mar;50(3):482-6
Wheelchair exercise performance of the young, middle-aged, and elderly. Sawka MN, et al. **J Appl Physiol** 1981 Apr; 50(4):824-8
Effect of a precooling maneuver on body temperature and exercise performance. Schmidt V, et al. **J Appl Physiol** 1981 Apr; 50(4):772-8
Modification of the Monark bicycle ergometer for underwater exercise. Shapiro Y, et al. **J Appl Physiol** 1981 Mar; 50(3):679-83
Components of alveolar-arterial O2 gradient during rest and exercise at sea level and high altitude. Sylvester JT, et al. **J Appl Physiol** 1981 Jun;50(6):1129-39
Cardiorespiratory and metabolic responses to treadmill exercise in the horse. Thomas DP, et al. **J Appl Physiol** 1981 Apr; 50(4):864-8
Role of metabolic CO2 production in ventilatory response to steady-state exercise. Phillipson EA, et al. **J Clin Invest** 1981 Sep;68(3):768-74
Age-related changes of cardiac control function in man. With special reference to heart rate control at rest and during exercise. Sato I, et al. **J Gerontol** 1981 Sep;36(5):564-72
Childhood mitochondrial myopathy with ophthalmoplegia. Land JM, et al. **J Neurol Sci** 1981 Sep;51(3):371-82
Selected physiological characteristics of elite male sprint athletes. Barnes WS. **J Sports Med Phys Fitness** 1981 Mar;21(1):49-54
Physiological effects of training in elite swimmers as measured by a free swimming test. Lavoie JM, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):38-42
Specificity of submaximal working capacity. Leblanc C, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):15-22
Specificity of training: selective aspects of running. Perez HR. **J Sports Med Phys Fitness** 1981 Mar;21(1):68-73
Cardiovascular and metabolic responses to isometric exercise of athletes and non-athletes. Rajikin MH. **Med J Malaysia** 1980 Sep;35(1):46-52
Marathon performance in relation to maximal aerobic power and training indices. Hagan RD, et al. **Med Sci Sports Exerc** 1981; 13(3):185-9
The heart rate, perceived exertion, and pace of the 1.5 mile run. Jackson A, et al. **Med Sci Sports Exerc** 1981;13(4):224-8
The maximal steady state versus selected running events. LaFontaine TP, et al. **Med Sci Sports Exerc** 1981;13(3):190-3
Exercise after sleep deprivation. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(4):220-3
Sensory cues for perceived exertion: a review. Mihevic PM. **Med Sci Sports Exerc** 1981;13(3):150-63 (65 ref.)
Longitudinal study of aerobic power in superior junior athletes. Murase Y, et al. **Med Sci Sports Exerc** 1981;13(3):180-4
Drugs used in metabolic disorders. Sutton JR. **Med Sci Sports Exerc** 1981;13(4):266-71 (31 ref.)
The effect of induced erythrocythemia upon 5-mile treadmill run time. Williams MH, et al. **Med Sci Sports Exerc** 1981; 13(3):169-75
Asymptomatic diabetic females. Exercise testing. Rubler S. **NY State J Med** 1981 Jul;81(8):1185-91
Comparison of two methods of assessing physical performance in patients with chronic airway obstruction. Alison JA, et al. **Phys Ther** 1981 Sep;61(9):1278-80
Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23
Ventromedial hypothalamic lesions reduce the number of NA+, K+-ATPase enzyme units in skeletal muscle of weanling rats. Vander Tuig JG, et al. **Proc Soc Exp Biol Med** 1981 Sep; 167(4):475-9
Matching of male and female subjects using VO2 max. Cureton KJ. **Res Q Exerc Sport** 1981 May;52(2):264-8
Transient VO2 characteristics in children at the onset of steady-rate exercise. Freedson PS, et al. **Res Q Exerc Sport** 1981 May;52(2):167-73
Relative endurance and physiological responses: a study of individual differences in prepubescent boys and adult men. Sady SP, et al. **Res Q Exerc Sport** 1981 May;52(2):246-55
Physical characteristics and oxygen utilization of male and female marathon runners. Wells CL, et al. **Res Q Exerc Sport** 1981 May; 52(2):281-5
Pulmonary oxygen transport during activity in lizards. Mitchell GS, et al. **Respir Physiol** 1981 Mar;43(3):365-75
The effect of repeated supine exercise on exercise tolerance and left ventricular pump function in patients with angina pectoris. Carlens P. **Scand J Clin Lab Invest** 1980 Apr;40(2):105-14
Maximal oxygen consumption rate in patients with bronchial asthma-the effect of beta 2-adrenoreceptor stimulation. Ingemann-Hansen T, et al. **Scand J Clin Lab Invest** 1980 Apr; 40(2):99-104
Exercise prescription. Wenger NK. **Singapore Med J** 1981 Apr; 22(2):68-75 (66 ref.)
Endurance capacity and exercise response in young Chinese adults. Lien IN, et al. **Taiwan I Hsueh Hui Tsa Chih** 1980 Dec; 79(12):1109-21
[Sport exertion tolerance in childhood and adolescence] Bringmann W. **Kinderaerztl Prax** 1981 Apr;49(4):184-92 (13 ref.) (Eng. Abstr.) **(Ger)**
[Industrial physiology aspects of the cardiovascular reaction in static muscle work] Kramer H, et al. **Z Gesamte Hyg** 1981; 27(1):34-8 (Eng. Abstr.) **(Ger)**

PAPAVERINE

Positive inotropic and relaxant effects of papaverine on cat papillary muscle. Mattiazzi AR, et al. **Arch Int Physiol Biochim** 1981 May;89(2):167-74

PARASYMPATHOLYTICS

Drugs affecting the respiratory system with particular reference to asthma. Anderson SD. **Med Sci Sports Exerc** 1981; 13(4):259-65 (40 ref.)

PATELLA

Consecutive indirect patella fractures in an adolescent basketball player. A case report. Hanel DP, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):327-9
Hot-air ballooning injuries. Marcus NA, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):318-21
Lateral patellar retinacular release. Micheli LJ, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):330-6
Clinical characteristics of patellar disorders in young athletes. Reider B, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):270-4
Bilateral fractures of the inferior poles of the patellae in a basketball player. Tibone JE, et al. **Am J Sports Med** 1981 Jul-Aug; 9(4):215-6
Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)
Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198-204

PEAK EXPIRATORY FLOW RATE

Lung function after marathon running at warm and cold ambient temperatures. Mahler DA, et al. **Am Rev Respir Dis** 1981 Aug; 124(2):154-7
The effect of sustained-release aminophylline on exercise-induced asthma. Phillips MJ, et al. **Br J Dis Chest** 1981 Apr; 75(2):181-9
Clinical chronopharmacology of ACTH-1 - 17. III. Effects on fatigue, oral temperature, heart rate, grip strength and bronchial patency. Reinberg A, et al. **Chronobiologia** 1981 Apr-Jun; 8(2):101-15
Exercise-induced asthma in Nepalese children. Bangham CR, et al. **Clin Allergy** 1981 May;11(3):273-80
Venous plasma histamine in exercise- and hyperventilation-induced asthma in man. Barnes PJ, et al. **Clin Sci** 1981 Aug;61(2):159-62
Arterial plasma histamine after exercise in normal individuals an in patients with exercise-induced asthma. Hartley JP, et al. **Clin Sci** 1981 Aug;61(2):151-7
Drugs affecting the respiratory system with particular reference to asthma. Anderson SD. **Med Sci Sports Exerc** 1981;

13(4):259-65 (40 ref.)

Arterial plasma histamine levels at rest, and during and after exercise in patients with asthma: effects of terbutaline aerosol. Anderson SD, et al. **Thorax** 1981 Apr;36(4):259-67

PECTORALIS MUSCLES

Contralateral effects of upper extremity proprioceptive neuromuscular facilitation patterns. Pink M. **Phys Ther** 1981 Aug; 61(8):1158-62

Avulsion of the insertion of the pectoralis major muscle. A case report. Mackenzie DB. **S Afr Med J** 1981 Jul 25;60(4):147-8

PELVIC BONES

Avulsion injuries of the pelvis and proximal femur. Fernbach SK, et al. **AJR** 1981 Sep;137(3):581-4

PERONEAL NERVE

Roller disco neuropathy [letter] Dewitt LD, et al. **JAMA** 1981 Aug 21;246(8):836

PHENYLBUTAZONE

Use of phenylbutazone in competitions. Vogel C. **Vet Rec** 1981 Mar 21;108(12):248

PHRENIC NERVE

Detection of diaphragmatic fatigue in man by phrenic stimulation. Aubier M, et al. **J Appl Physiol** 1981 Mar;50(3):538-44

PHYSICAL EDUCATION AND TRAINING

Observation: Behavior change in reactive depressed patients following introduction of basketball skills. Begbie AK. **Am Correct Ther J** 1981 Jul-Aug;35(4):107

Development and standardization of the new American Corrective Therapy Association certification examination. Hutchins GL, et al. **Am Correct Ther J** 1981 Jul-Aug;35(4):96-9

Guidelines for the clarification of the role of developmental/adapted physical education and the therapies. Miller D. **Am Correct Ther J** 1981 May-Jun;35(3):62-5

An exercise class for patients in traction. Milazzo V. **Am J Nurs** 1981 Oct;81(10):1842-4

The 100-mile run: preparation, performance, and recovery. A case report. Fred HL. **Am J Sports Med** 1981 Jul-Aug;9(4):258-61

Isokinetic versus isotonic variable-resistance training. Smith MJ, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):275-9

The effect on respiratory drive of a prolonged physical conditioning program [letter] Bradley BL, et al. **Am Rev Respir Dis** 1981 Jul;124(1):98-9

Decreased and continued physical activity and plasma lipoprotein lipids in previously trained men. Sutherland WH, et al. **Atherosclerosis** 1981 Jun;39(3):307-11

Trampoline training injuries--one hundred and ninety-five cases. Hammer A, et al. **Br J Sports Med** 1981 Sep;15(3):151-8

The effect of pure aerobic training on aerobic and anaerobic capacity. Keren G, et al. **Br J Sports Med** 1981 Mar; 15(1):27-9

Physical training program in arterial hypertension. A long-term prospective follow-up. Román O, et al. **Cardiology** 1981; 67(4):230-43

Effects of methandienone on the performance and body composition of men undergoing athletic training. Hervey GR, et al. **Clin Sci** 1981 Apr;60(4):457-61

The time of completed motor acts and impulse activity of single motor units according to the training level and sport specialization of tested persons. Saplinskas JS, et al. **Electromyogr Clin Neurophysiol** 1980 Oct-Dec;20(6):529-39

Investigation of insulin sensitivity in early diabetes III. The effect of a combined physical training and diet programme on body weight, serum lipids and insulin sensitivity in obese asymptomatic diabetics. Ratzmann KP, et al. **Endokrinologie** 1981 Apr; 77(2):233-41

Physiological and muscle enzyme adaptations to two different intensities of swim training. Houston ME, et al. **Eur J Applied Physiol** 1981;46(3):283-91

Changes in contractile properties of muscle after strength training in man. Schmidtbleicher D, et al. **Eur J Applied Physiol** 1981; 46(3):221-8

Running symposium. Mann RA, et al. **Foot Ankle** 1981 Jan; 1(4):190-224

A comparison of ventilatory pulmonary functions between the National Cadet Corps (N.C.C.) of hilly and plain areas. De AK, et al. **Indian J Physiol Pharmacol** 1981 Jan-Mar;25(1):69-72

Respiratory physiology of exercise: metabolism, gas exchange, and ventilatory control. Wasserman K, et al. **Int Rev Physiol** 1981; 23:149-211 (211 ref.)

Exercise training hypotension: implications for plasma volume, renin, and vasopressin. Greenleaf JE, et al. **J Appl Physiol** 1981 Aug;51(2):298-305

Adaptation of prepubertal children to exercise. Yates C, et al. **J Okla State Med Assoc** 1981 Jun;74(6):173-7 (35 ref.)

Physiological effects of training in elite swimmers as measured by a free swimming test. Lavoie JM, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):38-42

Specificity of training: selective aspects of running. Perez HR. **J Sports Med Phys Fitness** 1981 Mar;21(1):68-73

The validity of the stretch shortening cycle in selected jumping events. Steben RE, et al. **J Sports Med Phys Fitness** 1981 Mar; 21(1):28-37

Do marathoners differ from joggers in personality profile: a sports psychology approach. Vailiant PM, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):62-7

Biorhythms and sports. Wright ML. **J Sports Med Phys Fitness** 1981 Mar;21(1):74-80

Delayed menarche and amenorrhea of college athletes in relation to age of onset of training. Frisch RE, et al. **JAMA** 1981 Oct 2;246(14):1559-63

Effects of physical training on the calf and thigh blood flows. Saito M, et al. **Jpn J Physiol** 1980;30(6):955-9

Exercise and rehabilitation in dialysis patients. Stewart JH. **Med J Aust** 1981 Jun 13;1(12):610-1

What makes us run? [editorial] Appenzeller O. **N Engl J Med** 1981 Sep 3;305(10):578-80

Physical conditioning facilitates the exercise-induced secretion of beta-endorphin and beta-lipotropin in women. Carr DB, et al. **N Engl J Med** 1981 Sep 3;305(10):560-3

Effects of variability of practice in a movement-education program on motor skill performance. Moore JB, et al. **Percept Mot Skills** 1981 Jun;52(3):779-84

Effect of physical training and ergonomic counselling on the psychological perception of work and on the subjective assessment of low-back insufficiency. Dehlin O, et al. **Scand J Rehabil Med** 1981;13(1):1-9

Adaptation to peripheral muscle training. Gaffney FA, et al. **Scand J Rehabil Med** 1981;13(1):11-6

[Physical activity and coronary artery disease (author's transl)] Fellmann H. **Praxis** 1980 Nov 4;69(44):1602-8 (Eng. Abstr.) **(Ger)**

[Effects of behaviourally oriented sports therapy on anxiety behaviour in a learning and behaviourally impaired girl. (author's transl)] Bauer A, et al. **Rehabilitation (Stuttg)** 1981 May; 20(2):82-5 (Eng. Abstr.) **(Ger)**

[Sports and motor development in rehabilitation of the disabled in the South of France - report of a study visit (author's transl)] Dordel HJ, et al. **Rehabilitation (Stuttg)** 1981 May;20(2):76-81 (Eng. Abstr.) **(Ger)**

[Effect of physical training on the manifestation of reactions to breathing a gas mixture containing 5% CO2 and 14% O2] Krasnikov NP. **Kosm Biol Aviakosm Med** 1981 Jun-Jul; 15(4):33-5 (Eng. Abstr.) **(Rus)**

PHYSICAL ENDURANCE

The effect on respiratory drive of a prolonged physical conditioning program [letter] Bradley BL, et al. **Am Rev Respir Dis** 1981 Jul;124(1):98-9

Lung function after marathon running at warm and cold ambient temperatures. Mahler DA, et al. **Am Rev Respir Dis** 1981 Aug; 124(2):154-7

Physiological, psychological and performance measures during an endurance record for 5-a-side soccer play. Reilly T, et al. **Br J Sports Med** 1981 Jun;15(2):122-8

Exercise conditioning and cardiopulmonary fitness in cystic fibrosis. The effects of a three-month supervised running program. Orenstein DM, et al. **Chest** 1981 Oct;80(4):392-8

Critical power as a measure of physical work capacity and anaerobic threshold. Moritani T, et al. **Ergonomics** 1981 May; 24(5):339-50

Metabolic fuels and the capacity for exercise during hypocaloric diet. Bogardus C, et al. **Int J Obes** 1981;5(3):295-6

Chronic chlorpromazine administration in rats: effects on ability to work in the heat. Francesconi R, et al. **J Appl Physiol** 1981 Mar;50(3):509-12

Blood flow and metabolism during isometric contractions in cat skeletal muscle. Petrofsky JS, et al. **J Appl Physiol** 1981 Mar; 50(3):493-502

Effect of a precooling maneuver on body temperature and exercise performance. Schmidt V, et al. **J Appl Physiol** 1981 Apr; 50(4):772-8

Interactions between fatiguing and nonfatiguing isometric contractions. Stafford DE, et al. **J Appl Physiol** 1981 Aug; 51(2):399-404

Veterinary management of endurance trial rides. Fowler ME. **J S Afr Vet Assoc** 1980 Jun;51(2):81-3

Exhausted horse syndrome. Fowler ME. **J S Afr Vet Assoc** 1980 Jun;51(2):85-6

PHYSICAL FITNESS/SPORTS MEDICINE

PHYSICAL ENDURANCE

Veterinary problems during endurance trail rides. Fowler ME. **J S Afr Vet Assoc** 1980 Jun;51(2):87-91

Physiological effects of training in elite swimmers as measured by a free swimming test. Lavoie JM, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):38-42

Adipose cell size of distance runners before and after a 23 mile run. Wilcox AR, et al. **J Sports Med Phys Fitness** 1981 Mar; 21(1):1-6

The heart rate, perceived exertion, and pace of the 1.5 mile run. Jackson A, et al. **Med Sci Sports Exerc** 1981;13(4):224-8

Evaluation of exercise training in patients with chronic airway obstruction. Alison JA, et al. **Phys Ther** 1981 Sep; 61(9):1273-7

Grip and forearm position effects on tests of static and dynamic upper body endurance. Gabbard C, et al. **Res Q Exerc Sport** 1981 May;52(2):174-9

Relative endurance and physiological responses: a study of individual differences in prepubescent boys and adult men. Sady SP, et al. **Res Q Exerc Sport** 1981 May;52(2):246-55

Exercise prescription. Wenger NK. **Singapore Med J** 1981 Apr; 22(2):68-75 (66 ref.)

Endurance capacity and exercise response in young Chinese adults. Lien IN, et al. **Taiwan I Hsueh Hui Tsa Chih** 1980 Dec; 79(12):1109-21

[Simple examinations of the physical working capacity in childhood and youth (author's transl)] Brauer BM. **Arztl Jugendkd** 1981; 72(2):94-9 (Eng. Abstr.) **(Ger)**

[Modification of glycolytic and oxidative skeletal muscle enzymes in man through anaerobic training or anabolic steroids] Pfister B, et al. **Schweiz Z Sportmed** 1981 Jun;29(2):45-52 (Eng. Abstr.) **(Ger)**

[Changes in intracardiac hemodynamics and the tolerance for physical loading as affected by Nitrong in persons suffering from ischemic heart disease] Gasilin VS, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1981; 4(1):59-64 (Eng. Abstr.) **(Rus)**

[Assessment of myocardial function and the work capacity of mitral stenosis patients before and after mitral commissurotomy] Buianov VM, et al. **Grudn Khir** 1981 Jul-Aug;(4):23-8 (Eng. Abstr.) **(Rus)**

[Physical work capacity in isometric and dynamic regimens in patients with stenocardia and cardiac-type neurocirculatory dystonia] Volkov VS, et al. **Kardiologiia** 1981 Apr;21(4):26-9 (Eng. Abstr.) **(Rus)**

[Bicycle ergometry in the expert evaluation of stenocardia patients' work capacity] Oberemchenko IaV, et al. **Vrach Delo** 1981 May; (5):55-8 (Eng. Abstr.) **(Rus)**

PHYSICAL EXAMINATION

Stress fracture of the tarsal navicular. More frequent than we realize? Hunter LY. **Am J Sports Med** 1981 Jul-Aug; 9(4):217-9

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

Podiatric sports medicine: runner's knee examination form. Blake RL, et al. **J Am Podiatry Assoc** 1981 Jul;71(7):397-403

Benefits of preparticipation sports examinations. Tennant FS Jr, et al. **J Fam Pract** 1981 Aug;13(2):287-8

Preparticipation evaluation for school athletic programs. Hirsch PJ, et al. **J Med Soc NJ** 1981 Aug;78(9):585-90

Veterinary management of endurance trial rides. Fowler ME. **J S Afr Vet Assoc** 1980 Jun;51(2):81-3

American Academy of Pediatrics: Committee on School Health. School health examinations. **Pediatrics** 1981 Apr;67(4):576-7

PHYSICAL FITNESS

Data on aerobic efficiency of running. Apor P, et al. **Acta Physiol Acad Sci Hung** 1980;56(3):275-80

Physical fitness and intraocular pressure. Sargent RG, et al. **Am J Optom Physiol Opt** 1981 Jun;58(6):460-6

The president's council on physical fitness and sports. Conrad CC. **Am J Sports Med** 1981 Jul-Aug;9(4):199-202

The effect on respiratory drive of a prolonged physical conditioning program [letter] Bradley BL, et al. **Am Rev Respir Dis** 1981 Jul;124(1):98-9

Chronological and biological age as related to physical fitness in boys 12 to 19 years. Beunen G, et al. **Ann Hum Biol** 1981 Jul; 8(4):321-31

How to keep fit and trim. Wilkinson G. **Australas Nurses J** 1981 Apr;10(4):22-4

Skiing injuries. Pope MH, et al. **Biomater Med Devices Artif Organs** 1981;9(1):1-13

Validity of the Astrand-Ryhming nomogram for predicting maximal oxygen intake. Cink RE, et al. **Br J Sports Med** 1981 Sep;15(3):182-5

Sleep and the athlete. Shapiro CM. **Br J Sports Med** 1981 Mar; 15(1):51-5

Total fitness as a psychiatric hospital program. Conroy RW, et al. **Bull Menninger Clin** 1981 Jan;45(1):65-71

Physical activity and physical fitness levels of Belgian males aged 40-55 years. De Backer G, et al. **Cardiology** 1981; 67(2):110-28

An incentive-based employee fitness program. Brown J. **Health Educ (Wash)** 1981 Mar-Apr;12(2):23-4

Teaching physical fitness: an action approach. King K. **Health Educ (Wash)** 1981 Jan-Feb;12(1):34

Rehabilitation of patients after acute myocardial infarction- an interdisciplinary, family-oriented program. Segev U, et al. **Heart Lung** 1981 Sep-Oct;10(5):841-7

A comparison of ventilatory pulmonary functions between the National Cadet Corps (N.C.C.) of hilly and plain areas. De AK, et al. **Indian J Physiol Pharmacol** 1981 Jan-Mar;25(1):69-72

Health knowledge and community prevention of coronary heart disease. Puska P, et al. **Int J Health Educ** 1981; 24(2 Suppl):1-11

Anxiety disorder: management of chronic illness. Clancy J, et al. **J Clin Psychiatry** 1981 Sep;42(9):330-2

Selected physiological characteristics of elite male sprint athletes. Barnes WS. **J Sports Med Phys Fitness** 1981 Mar;21(1):49-54

Implications of athlete's bradycardia on lifespan. Kuehn LA. **J Theor Biol** 1981 Jan 21;88(2):279-86

Marathon performance in relation to maximal aerobic power and training indices. Hagan RD, et al. **Med Sci Sports Exerc** 1981; 13(3):185-9

Strength comparisons in untrained men and trained women athletes. Morrow JR Jr, et al. **Med Sci Sports Exerc** 1981;13(3):194-7

Longitudinal study of aerobic power in superior junior athletes. Murase Y, et al. **Med Sci Sports Exerc** 1981;13(3):180-4

Physical fitness programs in industry: applications of social learning theory. Blomquist KB. **Occup Health Nurs** 1981 Jul; 29(7):30-3, 49

Calf blood flow and vascular resistance during reactive hyperaemia in young athletes and trained middle-aged subjects. Romanovská L, et al. **Physiol Bohemoslov** 1981;30(3):275-80

[The dynamics of non-invasive circulatory indices in men and women exposed to ergometric tests (author's transl)] Bravený P, et al. **Cas Lek Cesk** 1981 Sep 3;120(35):1041-4 (Eng. Abstr.) **(Cze)**

[Status of the circulatory system in hikers from 40 to 67 years of age participating in long hikes] Vizinová H. **Vnitr Lek** 1981 Aug;27(8):779-85 (Eng. Abstr.) **(Cze)**

[Decreasing blood pressure in essential hypertension with physical training] Priebe U, et al. **Cor Vasa** 1981;23(3):172-81 (Eng. Abstr.) **(Ger)**

[Sport exertion tolerance in childhood and adolescence] Bringmann W. **Kinderaerztl Prax** 1981 Apr;49(4):184-92 (13 ref.) (Eng. Abstr.) **(Ger)**

[Physical activity and coronary artery disease (author's transl)] Fellmann H. **Praxis** 1980 Nov 4;69(44):1602-8 (Eng. Abstr.) **(Ger)**

[Physical activity and capacity in 4 Swiss cities] Howald H, et al. **Schweiz Med Wochenschr [Suppl]** 1981;12:suppl 47-55 (Eng. Abstr.) **(Ger)**

[Health status of working women in East Germany. Results of occupational medical fitness and checkup studies] Bräunlich A, et al. **Z Gesamte Hyg** 1981;27(1):76-82 (Eng. Abstr.) **(Ger)**

[Health status study of young apprentices in various occupation groups] Hartmann B, et al. **Z Gesamte Hyg** 1981;27(1):69-72 (Eng. Abstr.) **(Ger)**

[Vocational rehabilitation of epileptics] König K, et al. **Z Gesamte Hyg** 1981;27(2):144-7 (Eng. Abstr.) **(Ger)**

[Practical value of determination of physical fitness in the diagnosis of functional circulatory disorders] Dziedziczko A. **Pol Tyg Lek** 1981 Mar 16;36(11):397-9 (Eng. Abstr.) **(Pol)**

[Ergometric studies during the first year after myocardial infarction in patients which died in next years of observation (author's transl)] Ziołkowski L, et al. **Przegl Lek** 1981;38(5):453-7 (Eng. Abstr.) **(Pol)**

[Functional and motor preparedness for passing the standards of the Ready for Labor and Defense test complex as an index to the dynamic health of 7- to 9-year-old children] Apanasenko GL, et al. **Gig Sanit** 1981 Jul;(7):27-30 (Eng. Abstr.) **(Rus)**

[Psychophysiological criteria of the occupational fitness of healthy persons for the job of typist-stenographer] Besstrashnaia NA. **Gig Sanit** 1981 Jun;(6):22-5 (Eng. Abstr.) **(Rus)**

[Effect of physical training on the manifestation of reactions to breathing a gas mixture containing 5% CO2 and 14% O2] Krasnikov NP. **Kosm Biol Aviakosm Med** 1981 Jun-Jul; 15(4):33-5 (Eng. Abstr.) **(Rus)**

PLETHYSMOGRAPHY, WHOLE BODY

Inhibition of sulfur dioxide-induced bronchoconstriction by disodium cromoglycate in asthmatic subjects. Sheppard D, et al. **Am Rev Respir Dis** 1981 Sep;124(3):257-9

POLARCARDIOGRAPHY

Comprehensive analysis of exertional ECG changes before and after oral propranolol. Hossack KF, et al. **Clin Cardiol** 1979 Aug; 2(4):272-80

PROPRANOLOL

Responses for smooth-muscle strips from the ileo-caecal region to transmural electrical stimulation. Papasova M, et al. **Acta Physiol Pharmacol Bulg** 1981;6(3):3-10

Altered exercise ventilatory responses by apparent propranolol-diminished glucose metabolism: implications concerning impaired physical training benefit in coronary patients. Hossack KF, et al. **Am Heart J** 1981 Sep; 102(3 Pt 1):378-82

Effect of propranolol on postexercise left ventricular ejection time index. Boudoulas H, et al. **Am J Cardiol** 1981 Aug; 48(2):357-60

Value of exercise thallium-201 imaging in patients with diagnostic and nondiagnostic exercise electrocardiograms. Iskandrian AS, et al. **Am J Cardiol** 1981 Aug;48(2):233-8

Double-blind, randomized, placebo-controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris. Johnson SM, et al. **Am J Med** 1981 Sep; 71(3):443-51

Exercise-triggered paroxysmal ventricular tachycardia. A repetitive rhythmic activity possibly related to afterdepolarization. Wu D, et al. **Ann Intern Med** 1981 Oct; 95(4):410-4

Lipid storage myopathy: successful treatment with propranolol. Martyn C, et al. **Br Med J [Clin Res]** 1981 Jun 20; 282(6281):1997-9

Accuracy of diagnosis of coronary artery disease by radionuclide management of left ventricular function during rest and exercise. Jones RH, et al. **Circulation** 1981 Sep;64(3):586-601

The use of propranolol and nifedipine in the medical management of angina pectoris. Fox KM, et al. **Clin Cardiol** 1981 May; 4(3):125-9

Comprehensive analysis of exertional ECG changes before and after oral propranolol. Hossack KF, et al. **Clin Cardiol** 1979 Aug; 2(4):272-80

Effect of beta-adrenoceptor blockade on exercise performance and metabolism. Lundborg P, et al. **Clin Sci** 1981 Sep; 61(3):299-305

Quantitative thallium-201 exercise scintigraphy for detection of coronary artery disease. Berger BC, et al. **J Nucl Med** 1981 Jul; 22(7):585-93

Nervous modulation of spontaneous contractions in bovine mesenteric lymphatics. McHale NG, et al. **J Physiol (Lond)** 1980 Dec;309:461-72

Propranolol, exercise, and arterial plasma potassium [letter] Lim M, et al. **Lancet** 1981 Sep 12;2(8246):59[illegible]

Changes in plasma concentrations of acebutolol, propranolol and indomethacin during physical exercise. Henry JA, et al. **Life Sci** 1981 Apr 27;28(17):1925-9

[Heart rate and blood pressure under psychological and physical laboratory stress in young hypertensive patients following long-term therapy with the beta receptor blocker propranolol] Pietruschka WD, et al. **Z Gesamte Inn Med** 1981 Mar 15; 36(6):218-22 (Eng. Abstr.) **(Ger)**

[Importance of obsidan for increasing exercise tolerance in elderly patients with ischemic heart disease] Kotko DN, et al. **Ter Arkh** 1980;52(8):22-5 (Eng Abstr.) **(Rus)**

PROTECTIVE CLOTHING

Canoeists' disorientation following cold immersion. Baker S, et al. **Br J Sports Med** 1981 Jun;15(2):111-5

[Effects on the manual function of men wearing cold-protective clothing to cold stress (author's transl)] Tanaka M, et al. **Sangyo Igaku** 1981 Jan;23(1):72-8 (Eng. Abstr.) **(Jpn)**

PROTECTIVE DEVICES

Eye injuries in racquet sports: a continuing problem [letter] Easterbrook M. **Can Med Assoc J** 1980 Aug 23;123(4):268-9

Design of an actively controlled snow ski release binding. Hull ML, et al. **J Biomech Eng** 1981 Aug;103(3):138-45

PUBIC BONE

Pubic ramus and adductor insertion stress fractures in female basic trainees. Oxburn MS, et al. **Milit Med** 1981 May;146(5):332-4

PULMONARY VALVE INSUFFICIENCY

Hemodynamic abnormalities in response to supine exercise in patients after operative correction of tetrad of Fallot after early childhood. Rocchini AP. **Am J Cardiol** 1981 Aug; 48(2):325-30

PULMONARY VALVE STENOSIS

Hemodynamic abnormalities in response to supine exercise in patients after operative correction of tetrad of Fallot after early childhood. Rocchini AP. **Am J Cardiol** 1981 Aug; 48(2):325-30

PULMONARY WEDGE PRESSURE

Hemodynamic abnormalities in response to supine exercise in patients after operative correction of tetrad of Fallot after early childhood. Rocchini AP. **Am J Cardiol** 1981 Aug; 48(2):325-30

Role of the renin-angiotensin and of the adrenergic system in the blood pressure regulation at exercise in normotensive subjects and in hypertensive patients. Amery A, et al. **Cardiology** 1981; 68(2):103-17

Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):162-7

PULSE

Decreased and continued physical activity and plasma lipoprotein lipids in previously trained men. Sutherland WH, et al. **Atherosclerosis** 1981 Jun;39(3):307-11

Informativeness of the pulse rate for assessment of physical working capacity. Romanenko VA, et al. **Hum Physiol** 1981 Jan-Feb; 7(1):33-7

[Preclinical precautions in the therapeutic treatment of the aged] Lang E. **Ther Umsch** 1981 Jan;38(1):8-13 (Eng. Abstr.) **(Ger)**

[Rheographic evaluation of peripheral blood flow during isometric exercise] Cifaldi S, et al. **Boll Soc Ital Biol Sper** 1980 Feb 29; 56(4):369-75 (Eng. Abstr.) **(Ita)**

[Cardiorespiratory system state in renovascular hypertension dynamics after surgical treatment and physical rehabilitation] Kniazeva TA, et al. **Kardiologiia** 1981;21(7):87-92 (Eng. Abstr.) **(Rus)**

[Supplementary criteria of a cerebral hemodynamic disorder limiting physical loading in hypertension patients] Vinnitskiĭ AP, et al. **Vrach Delo** 1981 May;(5):63-7 (Eng. Abstr.) **(Rus)**

RADIAL NERVE

Basic upper extremity orthotics. Delisa JA, et al. **Am Fam Physician** 1981 Aug;24(2):169-75

Runner's radial palsy [letter] Pickering TG. **N Engl J Med** 1981 Sep 24;305(13):768

REGIONAL BLOOD FLOW

Control of cardiac output in exercising dogs using different types of workload. Versteeg PG, et al. **Cardiovasc Res** 1981 Mar; 15(3):151-8

Brain temperatures in running quail. Kilgore DL Jr, et al. **J Appl Physiol** 1981 Jun;50(6):1277-81

Blood flow and metabolism during isometric contractions in cat skeletal muscle. Petrofsky JS, et al. **J Appl Physiol** 1981 Mar; 50(3):493-502

Effects of physical training on the calf and thigh blood flows. Saito M, et al. **Jpn J Physiol** 1980;30(6):955-9

The employed pregnant worker: the risks of physical exertion. Rusinski PS. **Occup Health Nurs** 1981 Sep;29(9):19-21

Support responses of the cardiovascular system to exercise. Part I. Littell EH. **Phys Ther** 1981 Sep;61(9):1260-4

[Intramuscular pressure and muscle blood flow during and after contraction (author's transl)] Abe E. **Nippon Seikeigeka Gakkai Zasshi** 1981 Apr;55(4):399-410 (Eng. Abstr.) **(Jpn)**

RELAXATION

Cardiovascular differentiation of happiness, sadness, anger, and fear following imagery and exercise. Schwartz GE, et al. **Psychosom Med** 1981 Aug;43(4):343-64

RESIDUAL VOLUME

Comparison of hydrostatic weighing at residual volume and total lung capacity. Weltman A, et al. **Med Sci Sports Exerc** 1981; 13(3):210-3

RESPIRATION

Altered exercise ventilatory responses by apparent propranolol-diminished glucose metabolism: implications concerning impaired physical training benefit in coronary patients. Hossack KF, et al. **Am Heart J** 1981 Sep; 102(3 Pt 1):378-82

PHYSICAL FITNESS/SPORTS MEDICINE

RESPIRATION

Physiological responses to resistance breathing during short and prolonged exercise. Deno NS, et al. **Am Ind Hyg Assoc J** 1981 Aug;42(8):616-23

The effect on respiratory drive of a prolonged physical conditioning program [letter] Bradley BL, et al. **Am Rev Respir Dis** 1981 Jul;124(1):98-9

Lung function after marathon running at warm and cold ambient temperatures. Mahler DA, et al. **Am Rev Respir Dis** 1981 Aug;124(2):154-7

Respiratory function during physical exercise in normal and obstructed noses. Togawa K, et al. **Arch Otorhinolaryngol** 1981;232(1):1-10

An analysis of submaximal exercise responses in patients with sarcoidosis and fibrosing alveolitis. Spiro SG, et al. **Br J Dis Chest** 1981 Apr;75(2):169-80

Physiology of gas exchange and exertional dyspnoea. Wasserman K. **Clin Sci** 1981 Jul;61(1):7-13 (21 ref.)

Perception of effort and respiratory sensitivity during exposure to ozone. Mihevic PM, et al. **Ergonomics** 1981 May;24(5):365-74

The effects of a glycogen-loading regimen on the capacity to perform anaerobic exercise. Maughan RJ, et al. **Eur J Applied Physiol** 1981;46(3):211-9

Critical analysis of the 'anaerobic threshold' during exercise at constant workloads. Scheen A, et al. **Eur J Applied Physiol** 1981;46(4):367-77

The validity of anaerobic threshold determination by a Douglas bag method compared with arterial blood lactate concentration. Yoshida T, et al. **Eur J Applied Physiol** 1981;46(4):423-30

Comparison of regulation of respiration in transitional and steady-state regimes of muscular work and under the influence of additional resistance. Breslav IS, et al. **Hum Physiol** 1980 Nov-Dec;6(6):401-6

Respiratory physiology of exercise: metabolism, gas exchange, and ventilatory control. Wasserman K, et al. **Int Rev Physiol** 1981;23:149-211 (211 ref.)

Detection of ozone toxicity during continuous exercise via the effective dose concept. Adams WC, et al. **J Appl Physiol** 1981 Aug;51(2):415-22

Dynamics of ventilatory response to exercise in humans. Bennett FM, et al. **J Appl Physiol** 1981 Jul;51(1):194-203

Glucose ingestion before and during intense exercise. Bonen A, et al. **J Appl Physiol** 1981 Apr;50(4):766-71

Cardiovascular response to treadmill exercise in untrained rats. Gleeson TT, et al. **J Appl Physiol** 1981 Jun;50(6):1206-11

Reduced norepinephrine response to dynamic exercise in human subjects during O2 breathing. Hesse B, et al. **J Appl Physiol** 1981 Jul;51(1):176-8

Pulmonary mechanisms and work of breathing at maximal ventilation and raised air pressure. Hesser CM, et al. **J Appl Physiol** 1981 Apr;50(4):747-53

Ventilatory responses to muscular vibrations in healthy humans. Jammes Y, et al. **J Appl Physiol** 1981 Aug;51(2):262-9

Effect of CO2 set point on ventilatory response to exercise. Oren A, et al. **J Appl Physiol** 1981 Jul;51(1):185-9

Ventilation in exercise studied with circulatory occlusion. Sargeant AJ, et al. **J Appl Physiol** 1981 Apr;50(4):718-23

Respiratory drives and exercise in menstrual cycles of athletic and nonathletic women. Schoene RB, et al. **J Appl Physiol** 1981 Jun;50(6):1300-5

Reanalysis of the refractory period in exertional asthma. Stearns DR, et al. **J Appl Physiol** 1981 Mar;50(3):503-8

Components of alveolar-arterial O2 gradient during rest and exercise at sea level and high altitude. Sylvester JT, et al. **J Appl Physiol** 1981 Jun;50(6):1129-39

Cardiovascular and respiratory reflexes from muscles during dynamic and static exercise. Tallarida G, et al. **J Appl Physiol** 1981 Apr;50(4):784-91

Cardiorespiratory and metabolic responses to treadmill exercise in the horse. Thomas DP, et al. **J Appl Physiol** 1981 Apr;50(4):864-8

Role of metabolic CO2 production in ventilatory response to steady-state exercise. Phillipson EA, et al. **J Clin Invest** 1981 Sep;68(3):768-74

Adaptation of prepubertal children to exercise. Yates C, et al. **J Okla State Med Assoc** 1981 Jun;74(6):173-7 (35 ref.)

The relationship between maximal ventilation, breathing pattern and mechanical limitation of ventilation. Jensen JI, et al. **J Physiol (Lond)** 1980 Dec;309:521-32

Sudden death and physical exertion. Keren G, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):90-3

Specificity of submaximal working capacity. Leblanc C, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):15-22

Drugs affecting the respiratory system with particular reference to asthma. Anderson SD. **Med Sci Sports Exerc** 1981;13(4):259-65 (40 ref.)

Exercise after sleep deprivation. Martin BJ, et al. **Med Sci Sports Exerc** 1981;13(4):220-3

Sensory cues for perceived exertion: a review. Mihevic PM. **Med Sci Sports Exerc** 1981;13(3):150-63 (65 ref.)

Panting in dogs: paths of air flow in response to heat and exercise. Goldberg MB, et al. **Respir Physiol** 1981 Mar;43(3):327-38

Pulmonary oxygen transport during activity in lizards. Mitchell GS, et al. **Respir Physiol** 1981 Mar;43(3):365-75

[Regulation of extracellular acid-base balance in animals (author's transl)] Truchot JP. **J Physiol (Paris)** 1981;77(4-5):529-80 (397 ref.) (Eng. Abstr.) **(Fre)**

[Importance of chemoreceptor stimuli to the speed of switching the respiratory response to exertion on and off] Breslav IS, et al. **Biull Eksp Biol Med** 1981 May;91(5):522-5 (Eng. Abstr.) **(Rus)**

[Effect of physical training on the manifestation of reactions to breathing a gas mixture containing 5% CO2 and 14% O2] Krasnikov NP. **Kosm Biol Aviakosm Med** 1981 Jun-Jul;15(4):33-5 (Eng. Abstr.) **(Rus)**

[Mechanism of respiration during exercise in patients with nonspecific lung pathology] Kanaev NN, et al. **Ter Arkh** 1981;53(3):96-8 (Eng. Abstr.) **(Rus)**

RESPIRATORY AIRFLOW

Effect of pedaling rate on submaximal exercise responses of competitive cyclists. Hagberg JM, et al. **J Appl Physiol** 1981 Aug;51(2):447-51

Pulmonary mechanisms and work of breathing at maximal ventilation and raised air pressure. Hesser CM, et al. **J Appl Physiol** 1981 Apr;50(4):747-53

Panting in dogs: paths of air flow in response to heat and exercise. Goldberg MB, et al. **Respir Physiol** 1981 Mar;43(3):327-38

RESPIRATORY DEAD SPACE

Components of alveolar-arterial O2 gradient during rest and exercise at sea level and high altitude. Sylvester JT, et al. **J Appl Physiol** 1981 Jun;50(6):1129-39

RESPIRATORY FUNCTION TESTS

Arterial blood gas standards for healthy young nonsmoking subjects. Andrews JL Jr, et al. **Am J Clin Pathol** 1981 Jun;75(6):773-80

Mixed venous oxygenation, exercise, body posture, and v/q ratio in chronic obstructive pulmonary disease. Minh VD, et al. **Am Rev Respir Dis** 1981 Sep;124(3):226-31

Relationship of exercise-induced asthma to clinical asthma in childhood. Balfour-Lynn L, et al. **Arch Dis Child** 1981 Jun;56(6):450-4

Respiratory function during physical exercise in normal and obstructed noses. Togawa K, et al. **Arch Otorhinolaryngol** 1981;232(1):1-10

An analysis of submaximal exercise responses in patients with sarcoidosis and fibrosing alveolitis. Spiro SG, et al. **Br J Dis Chest** 1981 Apr;75(2):169-80

Exercise conditioning and cardiopulmonary fitness in cystic fibrosis. The effects of a three-month supervised running program. Orenstein DM, et al. **Chest** 1981 Oct;80(4):392-8

VO2 max during progressive and constant bicycle exercise in sedentary men and women. Gimenez M, et al. **Eur J Applied Physiol** 1981;46(3):237-48

The validity of anaerobic threshold determination by a Douglas bag method compared with arterial blood lactate concentration. Yoshida T, et al. **Eur J Applied Physiol** 1981;46(4):423-30

A comparison of ventilatory pulmonary functions between the National Cadet Corps (N.C.C.) of hilly and plain areas. De AK, et al. **Indian J Physiol Pharmacol** 1981 Jan-Mar;25(1):69-72

Detection of ozone toxicity during continuous exercise via the effective dose concept. Adams WC, et al. **J Appl Physiol** 1981 Aug;51(2):415-22

Effectiveness of terbutaline and theophylline alone and in combination in exercise-induced bronchospasm. Shapiro GG, et al. **Pediatrics** 1981 Apr;67(4):508-13

Evaluation of exercise training in patients with chronic airway obstruction. Alison JA, et al. **Phys Ther** 1981 Sep;61(9):1273-7

Use of isovolume flow curves in the detection of exercise-induced bronchospasm. Rodriguez CH, et al. **Respiration** 1981;41(2):82-9

Ketotifen in atopic asthma and exercise-induced asthma. Petheram IS, et al. **Thorax** 1981 Apr;36(4):308-12

[Cardiorespiratory function in young bronchitis patients, mostly mineworkers, before and after kinesitherapy and exertion training. Comparison with a control group (Preliminary results)] Marcq M, et al. **Rev Inst Hyg Mines (Hasselt)** 1981;36(1):5-31 (Eng. Abstr.) **(Dut, Fre)**

[Effect of 1-day water immersion on the indices of the human cardiorespiratory system under physical load] Beliaev SM. **Kosm Biol Aviakosm Med** 1981 Jun-Jul;15(4):24-6 (Eng. Abstr.) **(Rus)**

RESPIRATORY SOUNDS

Exercise-induced asthma in Nepalese children. Bangham CR, et al. **Clin Allergy** 1981 May;11(3):273-80

REST

Altered exercise ventilatory responses by apparent propranolol-diminished glucose metabolism: implications concerning impaired physical training benefit in coronary patients. Hossack KF, et al. **Am Heart J** 1981 Sep; 102(3 Pt 1):378-82
Hemodynamic effects of prazosin in chronic heart failure. Parmley WW, et al. **Am Heart J** 1981 Sep;102(3 Pt 2):622-5
Two dimensional echocardiographic analysis of wall motion abnormalities during handgrip exercise in patients with coronary artery disease. Mitamura H, et al. **Am J Cardiol** 1981 Oct; 48(4):711-9
Arterial blood gas standards for healthy young nonsmoking subjects. Andrews JL Jr, et al. **Am J Clin Pathol** 1981 Jun; 75(6):773-80
Stress reactions involving the pars interarticularis in young athletes. Jackson DW, et al. **Am J Sports Med** 1981 Sep-Oct; 9(5):304-12
Physical training program in arterial hypertension. A long-term prospective follow-up. Román O, et al. **Cardiology** 1981; 67(4):230-43
Accuracy of diagnosis of coronary artery disease by radionuclide management of left ventricular function during rest and exercise. Jones RH, et al. **Circulation** 1981 Sep;64(3):586-601
Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Slosky DA, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):162-7
Hypoxia effects on plasma volume shifts at rest, work, and recovery in supine posture. Miles DS, et al. **J Appl Physiol** 1981 Jul; 51(1):148-53
Age-related changes of cardiac control function in man. With special reference to heart rate control at rest and during exercise. Sato I, et al. **J Gerontol** 1981 Sep;36(5):564-72
Ambulatory blood-pressure [letter] **Lancet** 1981 Sep 12; 2(8246):587-8
Pre-operative exercise testing in patients suspected of arteriosclerotic heart disease: methods, risks and reproducibility. Bille-Brahe NE, et al. **Scand J Clin Lab Invest** 1981 Feb; 41(1):21-7
[Can ischemia-induced wall motion abnormalities of the left ventricle be predicted by non-invasive thallium-201 scintigraphy? Comparison with the ventriculography test] Pfisterer M, et al. **Schweiz Med Wochenschr** 1980 Nov 8; 110(45):1643-5 (Eng. Abstr.) **(Ger)**
[Effect of supplementary mental activity and breaks on the heart rate in physical work] Quaas M, et al. **Z Gesamte Hyg** 1981; 27(1):27-30 (Eng. Abstr.) **(Ger)**
[Exercise test in women with abnormal ecg (author's transl)] Ghilardi P, et al. **G Ital Cardiol** 1980;10(12):1634-80 (Eng. Abstr.) **(Ita)**

RIB FRACTURES

Use of the air-inflated jacket in football. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):240-3

RUNNING

Data on aerobic efficiency of running. Apor P, et al. **Acta Physiol Acad Sci Hung** 1980;56(3):275-80
Metabolism of 3H-catecholamines in the heart and adrenals of spontaneously hypertensive rats (SHR) after running stress. Żukowska-Grójec Z, et al. **Acta Physiol Pol** 1981 Mar-Apr; 32(2):159-67
The role of dietary carbohydrates in muscle glycogen resynthesis after strenuous running. Costill DL, et al. **Am J Clin Nutr** 1981 Sep;34(9):1831-6
Bilateral femoral and tibial shaft stress fractures in a runner. Blatz DJ. **Am J Sports Med** 1981 Sep-Oct;9(5):322-5
The 100-mile run: preparation, performance, and recovery. A case report. Fred HL. **Am J Sports Med** 1981 Jul-Aug;9(4):258-61
Lung function after marathon running at warm and cold ambient temperatures. Mahler DA, et al. **Am Rev Respir Dis** 1981 Aug; 124(2):154-7
Immune function in marathon runners. Green RL, et al. **Ann Allergy** 1981 Aug;47(2):73-5
Improvisation of a simple device in measuring the anaerobic power of Indian male and female athletes. Kansal DK, et al. **Br J Sports Med** 1981 Jun;15(2):136-40
The effect of pure aerobic training on aerobic and anaerobic capacity. Keren G, et al. **Br J Sports Med** 1981 Mar; 15(1):27-9
Biomechanical analysis of sprinting: decathletes versus champions. Kunz H, et al. **Br J Sports Med** 1981 Sep;15(3):177-81
Glycogen loading: advantages but possible disadvantages. Sharman IM. **Br J Sports Med** 1981 Mar;15(1):64-7
Heat stroke and community runs [letter] Wolfe SM, et al. **Br Med J [Clin Res]** 1981 Jun 20;282(6281):2060
Exercise conditioning and cardiopulmonary fitness in cystic fibrosis. The effects of a three-month supervised running program. Orenstein DM, et al. **Chest** 1981 Oct;80(4):392-8
Effects of exercise on plasma viscosity in athletes and sedentary normal subjects. Letcher RL, et al. **Clin Cardiol** 1981 Jul-Aug; 4(4):172-9
Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)
The energy cost of walking and running with and without a backpack load. Keren G, et al. **Eur J Applied Physiol** 1981; 46(3):317-24
Female runners and secondary amenorrhea: correlation with age, parity, mileage, and plasma hormonal and sex-hormone-binding globulin concentrations. Baker ER, et al. **Fertil Steril** 1981 Aug; 36(2):183-7
Acute effects of exercise on plasma concentrations of prolactin and testosterone in recreational women runners. Shangold MM, et al. **Fertil Steril** 1981 Jun;35(6):699-702
Getting high on running. Speroff L. **Fertil Steril** 1981 Aug; 36(2):149-51
Cavus foot in runners. Lutter LD. **Foot Ankle** 1981 Jan; 1(4):225-8
Foot-related knee problems in the long distance runner. Lutter LD. **Foot Ankle** 1980 Sep;1(2):112-6
Running symposium. Mann RA, et al. **Foot Ankle** 1981 Jan; 1(4):190-224
Electrical activity of the heart in boys aged 10-12 years during running. Vorob'ev AT, et al. **Hum Physiol** 1980 Nov-Dec; 6(6):449-54
Podiatric sports medicine: runner's knee examination form. Blake RL, et al. **J Am Podiatry Assoc** 1981 Jul;71(7):397-403
Effect of low-potassium diet on rat exercise hyperthermia and heatstroke mortality. Hubbard RW, et al. **J Appl Physiol** 1981 Jul;51(1):8-13
Hyperthermia in running sled dogs. Phillips CJ, et al. **J Appl Physiol** 1981 Jul;51(1):135-42
Protein synthesis rates in atrophied gastrocnemius muscles after limp immobilization. Tucker KR, et al. **J Appl Physiol** 1981 Jul; 51(1):73-7
Renal function, aldosterone, and vasopressin excretion following repeated long-distance running. Wade CE, et al. **J Appl Physiol** 1981 Apr;50(4):709-12
The effects of exercise on the biomechanical and biochemical properties of swine digital flexor tendons. Woo SL, et al. **J Biomech Eng** 1981 Feb;103(1):51-6
Selected physiological characteristics of elite male sprint athletes. Barnes WS. **J Sports Med Phys Fitness** 1981 Mar;21(1):49-54
Specificity of training: selective aspects of running. Perez HR. **J Sports Med Phys Fitness** 1981 Mar;21(1):68-73
Do marathoners differ from joggers in personality profile: a sports psychology approach. Valliant PM, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):62-7
Adipose cell size of distance runners before and after a 23 mile run. Wilcox AR, et al. **J Sports Med Phys Fitness** 1981 Mar; 21(1):1-6
Gastrointestinal disorders in runners [letter] Cantwell JD. **JAMA** 1981 Sep 25;246(13):1404-5
Development of of pseudoanemia in marathon runners during a 20-day road race. Dressendorfer RH, et al. **JAMA** 1981 Sep 11;246(11):1215-8
Delayed menarche and amenorrhea of college athletes in relation to age of onset of training. Frisch RE, et al. **JAMA** 1981 Oct 2;246(14):1559-63
Clarification of transient ischemic attack [letter] Gorelick PB. **JAMA** 1981 Oct 2;246(14):1548
Marathon performance in relation to maximal aerobic power and training indices. Hagan RD, et al. **Med Sci Sports Exerc** 1981; 13(3):185-9
The heart rate, perceived exertion, and pace of the 1.5 mile run. Jackson A, et al. **Med Sci Sports Exerc** 1981;13(4):224-8
Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198-204
The maximal steady state versus selected running events. LaFontaine TP, et al. **Med Sci Sports Exerc** 1981;13(3):190-3
Longitudinal study of aerobic power in superior junior athletes. Murase Y, et al. **Med Sci Sports Exerc** 1981;13(3):180-4
The effect of induced erythrocythemia upon 5-mile treadmill run time. Williams MH, et al. **Med Sci Sports Exerc** 1981; 13(3):169-75
High density lipoprotein cholesterol and body composition of female runners. Rotkis T, et al. **Metabolism** 1981 Oct; 30(10):994-5
Presence of creatine kinase MB isoenzyme during marathon training [letter] Apple FS. **N Engl J Med** 1981 Sep 24; 305(13):764-5

PHYSICAL FITNESS/SPORTS MEDICINE

RUNNING

Catecholamines, dopamine, and endorphin levels during extreme exercise [letter] Bortz WM 2d, et al. **N Engl J Med** 1981 Aug 20;305(8):466-7

Jogger's kidney: a case of acquired nephroptosis [letter] Goldberg J. **N Engl J Med** 1981 Sep 3;305(10):590

Central retinal-vein occlusion five days after a marathon [letter] Jampol LM, et al. **N Engl J Med** 1981 Sep 24;305(13):764

Runner's facial palsy [letter] Pickering TG. **N Engl J Med** 1981 Sep 24;305(13):768

Alcohol consumption and high-density lipoprotein cholesterol in marathon runners. **Nutr Rev** 1981 Aug;39(8):303-4 (12 ref.)

Running and depression. Joesting J. **Percept Mot Skills** 1981 Apr; 51(2):443-51

Effect of surgical or photoperiodic castration, testosterone replacement or pinealectomy on male hamster running rhythmicity. Morin LP, et al. **Physiol Behav** 1981 May; 26(5):825-38

Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23

Effect of prolonged exercise on plasma prostaglandin levels. Demers LM, et al. **Prostaglandins Med** 1981 Apr;6(4):413-8

Biomechanical effects of fatigue on 10,000 meter running technique. Elliot B, et al. **Res Q Exerc Sport** 1981 May;52(2):160-6

Energy cost of rebound-running. Katch VL, et al. **Res Q Exerc Sport** 1981 May;52(2):269-72

Isometric knee extension and plantar flexion muscle fatigue and fiber type composition in female distance runners. Kroll W, et al. **Res Q Exerc Sport** 1981 May;52(2):200-7

Physical characteristics and oxygen utilization of male and female marathon runners. Wells CL, et al. **Res Q Exerc Sport** 1981 May; 52(2):281-5

'Joggitis', 'marathonitis' and marathon mania [letter] Noakes TD. **S Afr Med J** 1981 Jul 18;60(3):84-5

Fenbufen in the treatment of over-use injuries in long-distance runners. Noble C. **S Afr Med J** 1981 Sep 5;60(10):387-8

SEMILUNAR CARTILAGES

Repair of peripheral meniscus tears. A preliminary report. Cassidy RE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):209-14

Proximal approaches to arthroscopic surgery of the knee. Patel D. **Am J Sports Med** 1981 Sep-Oct;9(5):296-303

Injuries in professional footballers. Muckle DS. **Br J Sports Med** 1981 Mar;15(1):77-9

Effect of tourniquet ischaemia on muscle energy metabolism in meniscectomy patients. Pääkkönen M, et al. **Br J Sports Med** 1981 Sep;15(3):167-71

SESAMOID BONES

Fracture of the medical sesamoid bone of the hallux. Zinman H, et al. **J Trauma** 1981 Jul;21(7):581-2

SHIVERING

Effect of a precooling maneuver on body temperature and exercise performance. Schmidt V, et al. **J Appl Physiol** 1981 Apr; 50(4):772-8

Factors which affect shivering in man during cold water immersion. Martin S, et al. **Pflugers Arch** 1981 Jul; 391(1):81-3

SHOULDER

The treatment of sports injuries by local injection. Bentley S. **Br J Sports Med** 1981 Mar;15(1):71-4

SHOULDER DISLOCATION

The modification Bristow-Helfet procedure for recurrent anterior shoulder subluxations and dislocations. Hill JA, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):283-7

Reduction of acute anterior shoulder dislocations using the Milch technique: a study of ski injuries. Russell JA, et al. **J Trauma** 1981 Sep;21(9):802-4

SHOULDER JOINT

Ankylosing spondylitis presenting as shoulder pain in an athlete. A case report. Hill JA, et al. **Am J Sports Med** 1981 Jul-Aug; 9(4):262-4

The modification Bristow-Helfet procedure for recurrent anterior shoulder subluxations and dislocations. Hill JA, et al. **Am J Sports Med** 1981 Sep-Oct;9(5):283-7

Active muscle force and moment response of the human arm and shoulder. Engin AE, et al. **Aviat Space Environ Med** 1981 Sep; 52(9):523-30

Dynamics of the pole vault. Hubbard M. **J Biomech** 1980; 13(11):965-76

[Disorders of the shoulder joint in athletes] Novák J, et al. **Fysiatr Reumatol Vestn** 1981 Jun;59(3):126-9 (Eng. Abstr.) **(Cze)**

SKATING

[Distinctive nature of mountain sport maxillo-facial injuries (author's transl)] Lebeau J, et al. **Rev Stomatol Chir Maxillofac** 1981;82(3):164-6 (Eng. Abstr.) **(Fre)**

[Echocardiographic values of healthy children in relation to ergometric performance (author's transl)] Bachl N, et al. **Z Kardiol** 1980 Dec;69(12):845-51 (Eng. Abstr.) **(Ger)**

SKIING

Knee ligament injuries induced by skiing. Schaffer DJ. **Ann Emerg Med** 1981 Sep;10(9):472-5

Skiing injuries. Pope MH, et al. **Biomater Med Devices Artif Organs** 1981;9(1):1-13

Optimal running on skis in downhill. Remizov LP. **J Biomech** 1980; 13(11):941-5

Design of an actively controlled snow ski release binding. Hull ML, et al. **J Biomech Eng** 1981 Aug;103(3):138-45

Reduction of acute anterior shoulder dislocations using the Milch technique: a study of ski injuries. Russell JA, et al. **J Trauma** 1981 Sep;21(9):802-4

Skiing research in Japan. Watanabe K. **Med Sci Sports Exerc** 1981; 13(3):205-9

Biomechanical evaluation of bilateral tibial spiral fractures during skiing--a case study. Zernicke RF. **Med Sci Sports Exerc** 1981; 13(4):243-5

[Distinctive nature of mountain sport maxillo-facial injuries (author's transl)] Lebeau J, et al. **Rev Stomatol Chir Maxillofac** 1981;82(3):164-6 (Eng. Abstr.) **(Fre)**

[Skier's thumb (author's transl)] Gerber C, et al. **Unfallheilkunde** 1981 Jun;84(6):224-8 (Eng. Abstr.) **(Ger)**

[Transmalleolar fixation suture for treatment of peroneal tendon dislocations (author's transl)] Hundemer W. **Unfallheilkunde** 1981 Jun;84(6):237-9 (Eng. Abstr.) **(Ger)**

SKIN TEMPERATURE

Canoeists' disorientation following cold immersion. Baker S, et al. **Br J Sports Med** 1981 Jun;15(2):111-5

[Effects on the manual function of men wearing cold-protective clothing to cold stress (author's transl)] Tanaka M, et al. **Sangyo Igaku** 1981 Jan;23(1):72-8 (Eng. Abstr.) **(Jpn)**

SKULL FRACTURES

[Hydraulic fractures of the orbit in children] Anton M, et al. **Rozhl Chir** 1980 Jul;59(7):460-5 (Eng. Abstr.) **(Cze)**

SMOKING

The prevalence of coronary risk factors in children--a review. Armstrong N, et al. **Acta Paediatr Belg** 1980 Oct-Dec; 33(4):209-17 (92 ref.)

Arterial blood gas standards for healthy young nonsmoking subjects. Andrews JL Jr, et al. **Am J Clin Pathol** 1981 Jun; 75(6):773-80

Immune function in marathon runners. Green RL, et al. **Ann Allergy** 1981 Aug;47(2):73-5

HDL-cholesterol as a negative risk factor. Rifkind BM. **Curr Concepts Nutr** 1981;10:79-87

Health knowledge and community prevention of coronary heart disease. Puska P, et al. **Int J Health Educ** 1981; 24(2 Suppl):1-11

Trends in coronary heart disease mortality and associated risk factors in New Zealand. Beaglehole R, et al. **NZ Med J** 1981 Jun 10;93(685):371-5

Health can be a bargain [editorial] Fleming TC. **Postgrad Med** 1981 Aug;70(2):13, 16

Physical activity and coronary heart disease. Clark RS, et al. **Scott Med J** 1981 Jan;26(1):15-20 (42 ref.)

Effect of exercise or smoking on the uptake, metabolism, and excretion of methylene chloride vapor. DiVincenzo GD, et al. **Toxicol Appl Pharmacol** 1981 Jun 15;59(1):141-8

[Effect of risk factors on the tolerance to physical exertion in chronic ischemic heart disease] Taktuk EE. **Vrach Delo** 1981; (4):71-4 (Eng. Abstr.) **(Rus)**

SOCCER

Injuries in professional footballers. Muckle DS. **Br J Sports Med** 1981 Mar;15(1):77-9

Association football injuries to the brain. A preliminary report Tysvaer A, et al. **Br J Sports Med** 1981 Sep;15(3):163-6

PHYSICAL FITNESS/SPORTS MEDICINE

The role of conservative treatment in blunt ureteral trauma: case report. Kim SW, et al. **Milit Med** 1981 Jul;146(7):516-7, 520

[Patterns of injuries in Danish division soccer] Jørgensen U. **Ugeskr Laeger** 1981;143(34):2185-8 (Eng. Abstr.) **(Dan)**

[Experience in preventing posttraumatic arthrosis deformans of the knee in athletes] Zavesa PZ, et al. **Ortop Travmatol Protez** 1981 Jun;(6):26-8 (Eng. Abstr.) **(Rus)**

SPINAL CORD INJURIES

Cervical injury in rugby football--a New Zealand survey. Burry HC, et al. **Br J Sports Med** 1981 Mar;15(1):56-9

Football head and neck injuries--an update. Maroon JC, et al. **Clin Neurosurg** 1980;27:414-29 (34 ref.)

Neck injuries in football players. Sherk HH, et al. **J Med Soc NJ** 1981 Aug;78(9):579-83

Reduction of hypercalciuria in tetraplegia after weight-bearing and strengthening exercises. Kaplan PE, et al. **Paraplegia** 1981; 19(5):289-93

Cervical spine injuries resulting from collision sports. Kewalramani LS, et al. **Paraplegia** 1981;19(5):303-12

SPINAL INJURIES

Cervical injury in the rugby scrum [letter] de Plessis MP. **S Afr Med J** 1981 Sep 12;60(11):410

[Spinal lesions following modified exercises in adolescent high performance gymnasts] Falter EW, et al. **Fortschr Med** 1981 Feb 5;99(5):145-8 (Eng. Abstr.) **(Ger)**

SPIROMETRY

A digital display revolution counter. Brodie DA, et al. **Br J Sports Med** 1981 Jun;15(2):133-5

Effect of (dl) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-di on exercise-induced bronchospasm. Grassi C, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Jul;19(7):297-302

[Assessment of cardiopulmonary functional capacity with ergospirometric parameters at a capacity of 1 w/kg body weight] Schwalb H, et al. **Fortschr Med** 1981 Aug 13;99(30):1196-201 (Eng. Abstr.) **(Ger)**

SPONDYLITIS, ANKYLOSING

Ankylosing spondylitis presenting as shoulder pain in an athlete. A case report. Hill JA, et al. **Am J Sports Med** 1981 Jul-Aug; 9(4):262-4

Problems in the assessment of disease activity in ankylosing spondylitis. Scott DG, et al. **Rheumatol Rehabil** 1981 May; 20(2):74-80

[Psychodynamics of Bechterew's disease] Zander W. **Z Psychosom Med Psychoanal** 1981 Jul-Sep;27(3):201-15 (Eng. Abstr.) **(Ger)**

SPORTS

Observation: Behavior change in reactive depressed patients following introduction of basketball skills. Begbie AK. **Am Correct Ther J** 1981 Jul-Aug;35(4):107

A normative assessment technique for isotonic strength in college males on the universal gym. Patton RW, et al. **Am Correct Ther J** 1981 May-Jun;35(3):78-81

The president's council on physical fitness and sports. Conrad CC. **Am J Sports Med** 1981 Jul-Aug;9(4):199-202

Bowler's thumb. Moidel RA. **Arthritis Rheum** 1981 Jul; 24(7):972-3

Trampoline training injuries--one hundred and ninety-five cases. Hammer A, et al. **Br J Sports Med** 1981 Sep;15(3):151-8

Injuries in professional footballers. Muckle DS. **Br J Sports Med** 1981 Mar;15(1):77-9

Sleep and the athlete. Shapiro CM. **Br J Sports Med** 1981 Mar; 15(1):51-5

Glycogen loading: advantages but possible disadvantages. Sharman IM. **Br J Sports Med** 1981 Mar;15(1):64-7

Association football injuries to the brain. A preliminary report. Tysvaer A, et al. **Br J Sports Med** 1981 Sep;15(3):163-6

Weight-lifting by normal and deafferented monkeys: evidence for compensatory changes in ongoing movements. Wylie RM, et al. **Brain Res** 1981 Aug 24;219(1):172-7

Effects of methandienone on the performance and body composition of men undergoing athletic training. Hervey GR, et al. **Clin Sci** 1981 Apr;60(4):457-61

Windsurfer dermatitis from black rubber components. Tennstedt D, et al. **Contact Dermatitis** 1981 May;7(3):160-1

Management of refractive errors in myopic athletes. A comparison of the Bausch and Lomb Soflens (Polymacon) contact lenses with glasses, hard lenses, and no correction. Brown BG 3d. **Contact Intraocular Lens Med J** 1981 Apr-Jun;7(2):123-43

The time of completed motor acts and impulse activity of single motor units according to the training level and sport specialization of tested persons. Saplinskas JS, et al. **Electromyogr Clin Neurophysiol** 1980 Oct-Dec;20(6):529-39

Energy expenditure during load carriage at high altitude. Cymerman A, et al. **J Appl Physiol** 1981 Jul;51(1):14-8

Dynamics of the pole vault. Hubbard M. **J Biomech** 1980; 13(11):965-76

Why sliding seats and short stroke intervals are used for racing shells. Senator M. **J Biomech Eng** 1981 Aug;103(3):151-9

Biochemical variability in a tem sports situation. Biersner RJ, et al. **J Human Stress** 1981 Sep;7(3):12-7

Preparticipation evaluation for school athletic programs. Hirsch PJ, et al. **J Med Soc NJ** 1981 Aug;78(9):585-90

The effects of detraining on an elite power lifter. A case study. Staron RS, et al. **J Neurol Sci** 1981 Aug;51(2):247-57

Sudden death and physical exertion. Keren G, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):90-3

Biorhythms and sports. Wright ML. **J Sports Med Phys Fitness** 1981 Mar;21(1):74-80

Self-concept and injuries among female high school basketball players. Young ML, et al. **J Sports Med Phys Fitness** 1981 Mar; 21(1):55-61

Shooting, sensorineural hearing loss, and workers' compensation. Chung DY, et al. **JOM** 1981 Jul;23(7):481-4

Drugs affecting the respiratory system with particular reference to asthma. Anderson SD. **Med Sci Sports Exerc** 1981; 13(4):259-65 (40 ref.)

A biomechanical study of the triple jump. Fukashiro S, et al. **Med Sci Sports Exerc** 1981;13(4):233-7

Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198-204

Celtics fever: playoff-induced ventricular arrhythmia [letter] Graboys TB. **N Engl J Med** 1981 Aug 20;305(8):467-8

Relaxation while horse riding [interview by Janet Barber] Byatt J. **Nurs Focus** 1981 Aug;2(12):421-2

Cervical spine injuries resulting from collision sports. Kewalramani LS, et al. **Paraplegia** 1981;19(5):303-12

Health can be a bargain [editorial] Fleming TC. **Postgrad Med** 1981 Aug;70(2):13, 16

Videotape replay and the learning of skills in open and closed environments. Cooper LK, et al. **Res Q Exerc Sport** 1981 May; 52(2):191-9

Age role expectations and sex role expectations for selected sport activities. Ostrow AC, et al. **Res Q Exerc Sport** 1981 May; 52(2):216-27

Motivation for and extent of participation in organized sports by high school seniors. Overman SJ, et al. **Res Q Exerc Sport** 1981 May;52(2):228-37

A tennis forehand-backhand drive skill test which measures ball control and stroke firmness. Purcell K. **Res Q Exerc Sport** 1981 May;52(2):238-45

Comparison of self-concepts of women high school and college tournament basketball players. Young ML. **Res Q Exerc Sport** 1981 May;52(2):286-90

[Status of the circulatory system in hikers from 40 to 67 years of age participating in long hikes] Vizinová H. **Vnitr Lek** 1981 Aug;27(8):779-85 (Eng. Abstr.) **(Cze)**

[Patterns of injuries in Danish division soccer] Jørgensen U. **Ugeskr Laeger** 1981;143(34):2185-8 (Eng. Abstr.) **(Dan)**

[Asthma bronchiale and sport (author's transl)] Cserháti E, et al. **Allerg Immunol (Leipz)** 1981;27(1):40-7 (Eng. Abstr.) **(Ger)**

[Sport therapy with psychiatric patients (author's transl)] Deimel H. **Psychiatr Prax** 1980 May,7(2):97-103 (Eng. Abstr.) **(Ger)**

[Tenth anniversary of Kuratorium fuer Therapeutisches Reiten e.V. (author's transl)] Riesser H. **Rehabilitation (Stuttg)** 1981 May; 20(2):90-1 (Eng. Abstr.) **(Ger)**

[Comparison of the hemodynamic effects of a standardized karate exercise and bicycle ergometry] Chu D, et al. **Schweiz Med Wochenschr** 1981 Jun 27;111(26):1020 (Eng. Abstr.) **(Ger)**

[Physical activity and capacity in 4 Swiss cities] Howald H, et al. **Schweiz Med Wochenschr [Suppl]** 1981;12:suppl 47-55 (Eng. Abstr.) **(Ger)**

[Psychodynamics of Bechterew's disease] Zander W. **Z Psychosom Med Psychoanal** 1981 Jul-Sep;27(3):201-15 (Eng. Abstr.) **(Ger)**

SPORTS MEDICINE

Pressure-volume overload hypothesis: can it be supported? [letter] Lamont LS. **Am J Cardiol** 1981 Aug;48(2):390-1

Weight reduction and sudden death [letter] Bassler TJ. **Am J Clin Nutr** 1981 Aug;34(8):1639-40

Scuba diving hazards: health counseling. Josephson S. **Am J Nurs** 1981 Aug;81(8):1458-61

Scuba diving hazards: emergency management. Osguthorpe NC, et al. **Am J Nurs** 1981 Aug;81(8):1456-8

Use of the air-inflated jacket in football. Cain TE, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):240-3

PHYSICAL FITNESS/SPORTS MEDICINE

SPORTS MEDICINE

Kinesiology. I. The semantics and application of forces involved in the human body in motion. Miller WE. **Am J Sports Med** 1981 Sep-Oct;9(5):342-4

Clinical characteristics of patellar disorders in young athletes. Reider B, et al. **Am J Sports Med** 1981 Jul-Aug;9(4):270-4

Echocardiographic dimensions and maximal oxygen uptake in oarsmen during training. Wieling W, et al. **Br Heart J** 1981 Aug; 46(2):190-5

Medical aspects of sports injuries. Adams ID. **Br J Sports Med** 1981 Mar;15(1):49-50

An ergometric analysis of age group swimmers. Armstrong N, et al. **Br J Sports Med** 1981 Mar;15(1):20-6

Canoeists' disorientation following cold immersion. Baker S, et al. **Br J Sports Med** 1981 Jun;15(2):111-5

A nutritional study of Irish athletes. Barry A, et al. **Br J Sports Med** 1981 Jun;15(2):99-109

A digital display revolution counter. Brodie DA, et al. **Br J Sports Med** 1981 Jun;15(2):133-5

Sudden, unexpected death in sport [letter] Fentem PH. **Br J Sports Med** 1981 Jun;15(2):135

The injuries service at the Crystal Palace. Grisogono V. **Br J Sports Med** 1981 Mar;15(1):39-43

Improvisation of a simple device in measuring the anaerobic power of Indian male and female athletes. Kansal DK, et al. **Br J Sports Med** 1981 Jun;15(2):136-40

Management of pain beneath the heel and Achilles tendonitis with visco-elastic heel inserts. MacLellan GE, et al. **Br J Sports Med** 1981 Jun;15(2):117-21

Common injuries among Nigerian games players. Mathur DN, et al. **Br J Sports Med** 1981 Jun;15(2):129-32

Physiological, psychological and performance measures during an endurance record for 5-a-side soccer play. Reilly T, et al. **Br J Sports Med** 1981 Jun;15(2):122-8

Immediate management of injuries. Walkden L. **Br J Sports Med** 1981 Mar;15(1):68-70

The contribution of clinical psychology to sports medicine. Yaffé M. **Br J Sports Med** 1981 Mar;15(1):60-3

General practitioner to a football club. Carne S. **Br Med J [Clin Res]** 1981 Sep 19;283(6294):766-7

Pain perception in competitive swimmers. Scott V, et al. **Br Med J [Clin Res]** 1981 Jul 11;283(6248):91-3

Heat stroke and community runs [letter] Wolfe SM, et al. **Br Med J [Clin Res]** 1981 Jun 20;282(6281):2060

Effects of methandienone on the performance and body composition of men undergoing athletic training. Hervey GR, et al. **Clin Sci** 1981 Apr;60(4):457-61

Electrical activity of the heart in boys aged 10-12 years during running. Vorob'ev AT, et al. **Hum Physiol** 1980 Nov-Dec; 6(6):449-54

Application of a computerized preparticipation medical history for athletes. Rudicel S, et al. **J Am Coll Health Assoc** 1981 Feb; 29(4):191

Podiatric sports medicine: runner's knee examination form. Blake RL, et al. **J Am Podiatry Assoc** 1981 Jul;71(7):397-403

Profiles of selected hormones during menstrual cycles of teenage athletes. Bonen A, et al. **J Appl Physiol** 1981 Mar; 50(3):545-51

Effect of pedaling rate on submaximal exercise responses of competitive cyclists. Hagberg JM, et al. **J Appl Physiol** 1981 Aug;51(2):447-51

Respiratory drives and exercise in menstrual cycles of athletic and nonathletic women. Schoene RB, et al. **J Appl Physiol** 1981 Jun; 50(6):1300-5

Renal function, aldosterone, and vasopressin excretion following repeated long-distance running. Wade CE, et al. **J Appl Physiol** 1981 Apr;50(4):709-12

Pediatric review: head and neck injuries in the young athlete. Burks AW. **J Arkansas Med Soc** 1981 Jul;78(2):102-5

Benefits of preparticipation sports examinations. Tennant FS Jr, et al. **J Fam Pract** 1981 Aug;13(2):287-8

Biochemical variability in a tem sports situation. Biersner RJ, et al. **J Human Stress** 1981 Sep;7(3):12-7

Preparticipation evaluation for school athletic programs. Hirsch PJ, et al. **J Med Soc NJ** 1981 Aug;78(9):585-90

Ethnic aspects of boxing and the ringside physician. Williams PT. **J Med Soc NJ** 1981 Sep;78(10):654-6

On the field knee exam for the team physician. Barrett GR. **J Miss State Med Assoc** 1981 Sep;22(9):224-7

Club motorcycle racing medical aid and types of injury. Park GR. **J R Army Med Corps** 1981 Jun;127(2):87-92

Veterinary management of endurance trial rides. Fowler ME. **J S Afr Vet Assoc** 1980 Jun;51(2):81-3

Storage of biological events by means of a phase locked loop system. von Nettelhorst H, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):43-8

Implications of athlete's bradycardia on lifespan. Kuehn LA. **J Theor Biol** 1981 Jan 21;88(2):279-86

Fracture of the medical sesamoid bone of the hallux. Zinman H, et al. **J Trauma** 1981 Jul;21(7):581-2

Gastrointestinal disorders in runners [letter] Cantwell JD. **JAMA** 1981 Sep 25;246(13):1404-5

Roller disco neuropathy [letter] Dewitt LD, et al. **JAMA** 1981 Aug 21;246(8):836

Development of of pseudoanemia in marathon runners during a 20-day road race. Dressendorfer RH, et al. **JAMA** 1981 Sep 11;246(11):1215-8

Delayed menarche and amenorrhea of college athletes in relation to age of onset of training. Frisch RE, et al. **JAMA** 1981 Oct 2;246(14):1559-63

Clarification of transient ischemic attack [letter] Gorelick PB. **JAMA** 1981 Oct 2;246(14):1548

Reproductive function in women athletes [editorial] Rebar RW, et al. **JAMA** 1981 Oct 2;246(14):1590

Biochemical and physiological changes in football players. Pohl AP, et al. **Med J Aust** 1981 May 2;1(9):467-70

Cardiovascular and metabolic responses to isometric exercise of athletes and non-athletes. Rajikin MH. **Med J Malaysia** 1980 Sep;35(1):46-52

Marathon performance in relation to maximal aerobic power and training indices. Hagan RD, et al. **Med Sci Sports Exerc** 1981; 13(3):185-9

Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198-204

The maximal steady state versus selected running events. LaFontaine TP, et al. **Med Sci Sports Exerc** 1981;13(3):190-3

Strength comparisons in untrained men and trained women athletes. Morrow JR Jr, et al. **Med Sci Sports Exerc** 1981;13(3):194-7

Longitudinal study of aerobic power in superior junior athletes. Murase Y, et al. **Med Sci Sports Exerc** 1981;13(3):180-4

Echocardiographic examination of women collegiate softball champions. Rubal BJ, et al. **Med Sci Sports Exerc** 1981; 13(3):176-9

The effect of induced erythrocythemia upon 5-mile treadmill run time. Williams MH, et al. **Med Sci Sports Exerc** 1981; 13(3):169-75

Biomechanical evaluation of bilateral tibial spiral fractures during skiing—a case study. Zernicke RF. **Med Sci Sports Exerc** 1981; 13(4):243-5

Nutrition and athletic performance. Smith NJ. **Med Times** 1981 Aug;109(8):92-107

Presence of creatine kinase MB isoenzyme during marathon training [letter] Apple FS. **N Engl J Med** 1981 Sep 24; 305(13):764-5

Scrum strep [letter] Dorman JM. **N Engl J Med** 1981 Aug 20; 305(8):467

Jogger's kidney: a case of acquired nephroptosis [letter] Goldberg J. **N Engl J Med** 1981 Sep 3;305(10):590

Central retinal-vein occlusion five days after a marathon [letter] Jampol LM, et al. **N Engl J Med** 1981 Sep 24;305(13):764

Runner's radial palsy [letter] Pickering TG. **N Engl J Med** 1981 Sep 24;305(13):768

Alcohol consumption and high-density lipoprotein cholesterol in marathon runners. **Nutr Rev** 1981 Aug;39(8):303-4 (12 ref.)

Sports candidates' questionnaire. **NY State J Med** 1981 Sep; 81(10):1548-9

Sports' medicine [letter] Reid G. **NZ Med J** 1981 May 13; 93(683):316-7

American Academy of Pediatrics: Committee on School Health. School health examinations. **Pediatrics** 1981 Apr;67(4):576-7

Calf blood flow and vascular resistance during reactive hyperaemia in young athletes and trained middle-aged subjects. Romanovská L, et al. **Physiol Bohemoslov** 1981;30(3):275-80

ECG effects of aerobic dance: a study of five exercise-conditioned young women. Metcalf JA, et al. **Postgrad Med** 1981 Aug; 70(2):219-23

Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Hartung GH, et al. **Prev Med** 1981 May;10(3):316-23

Advances in sports medicine. Prevention of head and neck injuries in football. Reid SE, et al. **Surg Annu** 1981;13:251-70 (32 ref.)

[Status of the circulatory system in hikers from 40 to 67 years of age participating in long hikes] Vizinová H. **Vnitr Lek** 1981 Aug;27(8):779-85 (Eng. Abstr.) **(Cze)**

['Kinetec 3040'—on electrically driven training splint in the aftertreatment of leg injuries (author's transl)] Kleinfeld F. **Aktuel Traumatol** 1980 Dec;10(6):303-6 (Eng. Abstr.) **(Ger)**

[Sport exertion tolerance in childhood and adolescence] Bringmann W. **Kinderaerztl Prax** 1981 Apr;49(4):184-92 (13 ref.) (Eng. Abstr.) **(Ger)**

[Medical care of the Swiss Olympic Mission 1980] Fahrer H. **Schweiz Z Sportmed** 1981 Jun;29(2):60-6 (Eng. Abstr.) **(Ger)**

[Preclinical precautions in the therapeutic treatment of the aged] Lang E. **Ther Umsch** 1981 Jan;38(1):8-13 (Eng. Abstr.) **(Ger)**

[Electron microscopic study of signs of skeletal muscle fiber hyperplasia in athletes] Kondalenko VF, et al. **Arkh Anat Gistol Embriol** 1981 Jun;80(6):66-70 (Eng. Abstr.) **(Rus)**

[Mineral saturation of the hand bones of adolescent and young adult boxers of Khabarovsk] Zemsha NV.

Arkh Anat Gistol Embriol 1981 May;80(5):12–17 (Eng. Abstr.) **(Rus)**

SPRAINS AND STRAINS

The relationship of tarsal coalitions to ankle sprains in athletes. Snyder RB, et al. **Am J Sports Med** 1981 Sep–Oct;9(5):313–7
Traumatic osteochondral lesions of the talus. Israeli A, et al. **Br J Sports Med** 1981 Sep;15(3):159–62
Common injuries among Nigerian games players. Mathur DN, et al. **Br J Sports Med** 1981 Jun;15(2):129–32
Position sense following joint injury. Glencross D, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):23–7

STANOZOLOL

Treatment of postmenopausal osteoporosis: some current concepts. Chesnut CH 3d. **Scott Med J** 1981 Jan;26(1):72–80

STERNOCLAVICULAR JOINT

[Treatment of the medial, anterior dislocation of clavicula (author's transl)] Jókai I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1980;23(2):118–22 (Eng. Abstr.) **(Hun)**

SURAL NERVE

[Peripheral neuropathy and insulinoma (author's transl)] Arbizu T, et al. **Med Clin (Barc)** 1981 Mar 25;76(6):271–4 (Eng. Abstr.) **(Spa)**

SWEATING

Efficiency of increased energy expenditure during adaptation to heat. Novozhilov GN. **Hum Physiol** 1980 Nov–Dec; 6(6):397–400
Effect of acclimatization to heat on the regulation of sweating during moderate and severe exercise. Davies CT. **J Appl Physiol** 1981 Apr;50(4):741–6
Effect of upright exercise on threshold for cutaneous vasodilation and sweating. Johnson JM, et al. **J Appl Physiol** 1981 Apr; 50(4):814–8
Effect of a precooling maneuver on body temperature and exercise performance. Schmidt V, et al. **J Appl Physiol** 1981 Apr; 50(4):772–8
Effect of sweating [letter] Dean W. **JAMA** 1981 Aug 7; 246(6):623

SWIMMING

Enzyme inducer effects after liver denervation in the rat. Frenkl R, et al. **Acta Physiol Acad Sci Hung** 1981;57(1):47–50
Contractile proteins and sarcoplasmic reticulum in physiologic cardiac hypertrophy. Malhotra A, et al. **Am J Physiol** 1981 Aug; 241(2):H263–7
An ergometric analysis of age group swimmers. Armstrong N, et al. **Br J Sports Med** 1981 Mar;15(1):20–6
Pain perception in competitive swimmers. Scott V, et al. **Br Med J [Clin Res]** 1981 Jul 11;283(6248):91–3
Vibrio alginolyticus peritonitis associated with ambulatory peritoneal dialysis. Taylor R, et al. **Br Med J [Clin Res]** 1981 Jul 25;283(6286):275
Entrainment of the spinal pattern generators for swimming by mechano-sensitive elements in the lamprey spinal cord in vitro. Grillner S, et al. **Brain Res** 1981 Aug 3;217(2):380–6
Increased GABA binding in mouse brain following acute swim stress. Skerritt JH, et al. **Brain Res** 1981 Jun 29; 215(1–2):398–403
Sensory interactions with a central motor program in anuran larvae. Stehouwer DJ, et al. **Brain Res** 1981 Aug 10;218(1–2):131–40
Induction of swimming in the high spinal stingray by L-DOPA. Williams BJ, et al. **Brain Res** 1981 Sep 7;220(1):208–13
Acid rain and the eye [letter] Basu PK. **Can Med Assoc J** 1981 Aug 15;125(4):338
Physiological and muscle enzyme adaptations to two different intensities of swim training. Houston ME, et al. **Eur J Applied Physiol** 1981;46(3):283–91
Effects of antidepressants in the rat forced swimming test. Kitada Y, et al. **Eur J Pharmacol** 1981 Jun 19;72(2–3):145–52
The myocardial collagenous connective tissue in experimental cardiac hypertrophy induced by swimming exercise and hypertension. Kunz J, et al. **Exp Pathol** 1981;19(4):206–18
Swim-stress induced changes of rat adrenal catecholamine level depending on metabolic state and different ambient temperature. Bargiel Z, et al. **Folia Histochem Cytochem (Krakow)** 1981; 19(1):31–7
Profiles of selected hormones during menstrual cycles of teenage athletes. Bonen A, et al. **J Appl Physiol** 1981 Mar; 50(3):545–51
A simple analytical model for the crawl stroke. Martin RB, et al. **J Biomech** 1981;14(8):539–48
Tethered swimming forces in the crawl, breast and back strokes and their relationship to competitive performance. Yeater RA, et al. **J Biomech** 1981;14(8):527–37
Exercise-induced hemolysis in xerocytosis. Erythrocyte dehydration and shear sensitivity. Platt OS, et al. **J Clin Invest** 1981 Sep;68(3):631–8
Differential effects of the albino gene on behavior according to task, level of inbreeding, and genetic background. Lassalle JM, et al. **J Comp Physiol Psychol** 1981 Aug;95(4):655–62
Sudden Death in cold water and ventricular arrhythmia. Keatinge WR, et al. **J Forensic Sci** 1981 Jul;26(3):459–61
Mechanisms of pattern generation underlying swimming in Tritonia. I. Neuronal network formed by monosynaptic connections. Getting PA. **J Neurophysiol** 1981 Jul;46(1):65–79
Some thoughts on swimming horses in a pool. Irwin DH, et al. **J S Afr Vet Assoc** 1980 Sep;51(3):189–91
Physiological effects of training in elite swimmers as measured by a free swimming test. Lavoie JM, et al. **J Sports Med Phys Fitness** 1981 Mar;21(1):38–42
Delayed menarche and amenorrhea of college athletes in relation to age of onset of training. Frisch RE, et al. **JAMA** 1981 Oct 2;246(14):1559–63
The effect of exhaustive exercise on expired pentane as a measure of in vivo lipid peroxidation in the rat. Gee DL, et al. **Life Sci** 1981 May 21;28(21):2425–9
[Effect of the psychostimulants caffeine and methylphenidate on the efficiency of physical activity in rats exposed to ionizing radiation] Petkov V, et al. **Eksp Med Morfol** 1981;20(2):82–7 (Eng. Abstr.) **(Bul)**
[Disorders of the shoulder joint in athletes] Novák J, et al. **Fysiatr Reumatol Vestn** 1981 Jun;59(3):126–9 (Eng. Abstr.) **(Cze)**
[Bacteriological study of the Tunisian coastal water quality for bathing] Chadli A, et al. **Arch Inst Pasteur Tunis** 1981 Mar–Jun; 58(1–2):65–87 (Eng. Abstr.) **(Fre)**
[Prolonged effects of training on adipose tissue glucose metabolism and insulin responsiveness in adult rats (author's transl)] Gommers A, et al. **Diabete Metab** 1981 Jun;7(2):121–6 (Eng. Abstr.) **(Fre)**
[Preclinical precautions in the therapeutic treatment of the aged] Lang E. **Ther Umsch** 1981 Jan;38(1):8–13 (Eng. Abstr.) **(Ger)**
[Echocardiographic values of healthy children in relation to ergometric performance (author's transl)] Bachl N, et al. **Z Kardiol** 1980 Dec;69(12):845–51 (Eng. Abstr.) **(Ger)**
[Changes of locomotor activities, lipid peroxide levels and their related enzyme activities in rat loaded with swimming exercise (author's transl)] Kishihara C. **Hokkaido Igaku Zasshi** 1980 Nov; 55(6):575–85 (Eng. Abstr.) **(Jpn)**
[Changes in the structure and cellular makeup of inguinal lymph nodes of white rats after dynamic and static loading] Vikhruk TI. **Arkh Anat Gistol Embriol** 1981 May;80(5):23–30 (Eng. Abstr.) **(Rus)**

SYNOVIAL MEMBRANE

Juxtaarticular hemangioma of the knee associated with a medial synovial plica. A case report. Koch RA, et al. **Am J Sports Med** 1981 Jul–Aug;9(4):265–7

TACHYCARDIA

ECG effects of aerobic dance: a study of five exercise-conditioned young women. Metcalf JA, et al. **Postgrad Med** 1981 Aug; 70(2):219–23
[Ventricular tachycardia caused by the use of amiodarone. Report of a case] Curti HV, et al. **Arq Bras Cardiol** 1981 Jan; 36(1):49–51 (Eng. Abstr.) **(Por)**

TACHYCARDIA, PAROXYSMAL

Exercise-triggered paroxysmal ventricular tachycardia. A repetitive rhythmic activity possibly related to afterdepolarization. Wu D, et al. **Ann Intern Med** 1981 Oct; 95(4):410–4

TALUS

Traumatic osteochondral lesions of the talus. Israeli A, et al. **Br J Sports Med** 1981 Sep;15(3):159–62

TARSAL BONES

Stress fracture of the tarsal navicular. More frequent than we realize? Hunter LY. **Am J Sports Med** 1981 Jul–Aug; 9(4):217–9
The relationship of tarsal coalitions to ankle sprains in athletes. Snyder RB, et al. **Am J Sports Med** 1981 Sep–Oct;9(5):313–7

TASK PERFORMANCE AND ANALYSIS

Videotape replay and the learning of skills in open and closed environments. Cooper LK, et al. **Res Q Exerc Sport** 1981 May;52(2):191-9

Perceptions about the objectives of student teaching. Gallemore SL. **Res Q Exerc Sport** 1981 May;52(2):180-90

Effects of success/failure and extrinsic rewards on intrinsic motivation using a competitive motor task. McCaughan LR, et al. **Res Q Exerc Sport** 1981 May;52(2):208-15

TENDINITIS

Management of pain beneath the heel and Achilles tendonitis with visco-elastic heel inserts. MacLellan GE, et al. **Br J Sports Med** 1981 Jun;15(2):117-21

Running injuries. Brody DM. **Clin Symp** 1980;32(4):1-36 (8 ref.)

Transcutaneous nerve stimulation: its significance and applications in podiatry. Grosack MA, et al. **J Foot Surg** 1981 Fall; 20(3):127-35

The use of DMSO in tennis elbow and rotator cuff tendonitis: a double-blind study. Percy EC, et al. **Med Sci Sports Exerc** 1981;13(4):215-9

TENDON INJURIES

Acute soft tissue injuries: nature and management. Oakes BW. **Aust Fam Physician** 1981 Jul;10(7 Suppl):3-16

[Transmalleolar fixation suture for treatment of peroneal tendon dislocations (author's transl)] Hundemer W. **Unfallheilkunde** 1981 Jun;84(6):237-9 (Eng. Abstr.) **(Ger)**

[Tendon injuries in sport activities] Mironova ZS, et al. **Ortop Travmatol Protez** 1981 Jan;(1):22-6 (Eng. Abstr.) **(Rus)**

TENDONS

Nonarticular osteochondroses. Katz JF. **Clin Orthop** 1981 Jul-Aug;(158):70-6

The effects of exercise on the biomechanical and biochemical properties of swine digital flexor tendons. Woo SL, et al. **J Biomech Eng** 1981 Feb;103(1):51-6

Confirmation of differential loading of lateral and central fibers of the extensor tendon. Micks JE, et al. **J Hand Surg** 1981 Sep; 6(5):462-7

Comparison of stiffness of soleus and medial gastrocnemius muscles in cats. Walmsley B, et al. **J Neurophysiol** 1981 Aug; 46(2):250-9

Deformation in tendon collagen. Kastelic J, et al. **Symp Soc Exp Biol** 1980;34:397-435

[Experiences and results of replacement of the fibulo-talar ligaments in relatively old ankle-joint traumas (author's transl)] Nizard M, et al. **Aktuel Traumatol** 1981 Jun;11(3):103-7 (Eng. Abstr.) **(Ger)**

[On the influence of D-penicillamine on collage metabolism - investigations of the rupture of strength in tailfibre in rats of several ages (author's transl)] Trzenschik K, et al. **ZFA (Dresden)** 1980;35(4):297-301 (Eng. Abstr.) **(Ger)**

[Decussations in the human muscular system] Petrova RM, et al. **Arkh Anat Gistol Embriol** 1981 Apr;80(4):32-8 (Eng. Abstr.) **(Rus)**

TENNIS

Videotape replay and the learning of skills in open and closed environments. Cooper LK, et al. **Res Q Exerc Sport** 1981 May; 52(2):191-9

A tennis forehand-backhand drive skill test which measures ball control and stroke firmness. Purcell K. **Res Q Exerc Sport** 1981 May;52(2):238-45

[Muscle lift for epicondylitis lateralis humeri] Havelin LI, et al. **Tidsskr Nor Laegeforen** 1981 May;101(15):954-5 (Eng. Abstr.) **(Nor)**

TENNIS ELBOW

The use of DMSO in tennis elbow and rotator cuff tendonitis: a double-blind study. Percy EC, et al. **Med Sci Sports Exerc** 1981;13(4):215-9

THEOPHYLLINE

Effect of (dl) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-di on exercise-induced bronchospasm. Grassi C, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Jul;19(7):297-302

Drugs affecting the respiratory system with particular reference to asthma. Anderson SD. **Med Sci Sports Exerc** 1981; 13(4):259-65 (40 ref.)

Effectiveness of terbutaline and theophylline alone and in combination in exercise-induced bronchospasm. Shapiro GG, et al. **Pediatrics** 1981 Apr;67(4):508-13

THORAX

The exercise test in variant angina: results in 114 patients. de Servi S, et al. **Circulation** 1981 Oct;64(4):684-8

THYROID HORMONES

The effect of a very-low-calorie diet with and without chronic exercise on thyroid and sex hormones, plasma proteins, oxygen uptake, insulin and c peptide concentrations in obese women. Krotkiewski M, et al. **Int J Obes** 1981;5(3):287-93

[Effects of muscular exercise on non-glucoregulatory hormones (T3, rT3, T4, TSH, prolactin, FSH, LH) in type I diabetics (author's transl)] Schernthaner G, et al. **Acta Med Austriaca** 1981; 8(2):54-60 (Eng. Abstr.) **(Ger)**

THYROXINE

[Mechanomyography - results in a normal population and in patients with thyroid dysfunction (author's transl)] Maurer K, et al. **EEG EMG** 1981 Jun;12(2):94-9 (Eng. Abstr.) **(Ger)**

TIBIAL FRACTURES

Bilateral femoral and tibial shaft stress fractures in a runner. Blatz DJ. **Am J Sports Med** 1981 Sep-Oct;9(5):322-5

Biomechanical evaluation of bilateral tibial spiral fractures during skiing--a case study. Zernicke RF. **Med Sci Sports Exerc** 1981; 13(4):243-5

[Epiphyseolysis as a result of tear on the upper tibia (author's transl)] Jókai I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1981;24(1):28-32 (Eng. Abstr.) **(Hun)**

TIBIAL NERVE

[An experimental study on the functional recovery of denervated muscles--effects of stump rotation in nerve suture (author's transl)] Nagano A. **Nippon Seikeigeka Gakkai Zasshi** 1981 Apr; 55(4):345-55 (Eng. Abstr.) **(Jpn)**

TIDAL VOLUME

The relationship between maximal ventilation, breathing pattern and mechanical limitation of ventilation. Jensen JI, et al. **J Physiol (Lond)** 1980 Dec;309:521-32

TOE JOINT

The arthritic great toe metatarsophalangeal joint: a review of flexible silicone implant arthroplasty from two medical centers. Cracchiolo A 3d, et al. **Clin Orthop** 1981;(157):64-9 (11 ref.)

Hallux valgus--etiology, anatomy, treatment and surgical considerations. Mann RA, et al. **Clin Orthop** 1981;(157):31-41

TOTAL LUNG CAPACITY

Lung function after marathon running at warm and cold ambient temperatures. Mahler DA, et al. **Am Rev Respir Dis** 1981 Aug; 124(2):154-7

Comparison of hydrostatic weighing at residual volume and total lung capacity. Weltman A, et al. **Med Sci Sports Exerc** 1981; 13(3):210-3

TRACK AND FIELD

'Biorhythms' and Australian track and field records. Quigley BM. **J Sports Med Phys Fitness** 1981 Mar;21(1):81-9

The validity of the stretch shortening cycle in selected jumping events. Steben RE, et al. **J Sports Med Phys Fitness** 1981 Mar; 21(1):28-37

[Experience in preventing posttraumatic arthrosis deformans of the knee in athletes] Zavesa PZ, et al. **Ortop Travmatol Protez** 1981 Jun;(6):26-8 (Eng. Abstr.) **(Rus)**

TRIGLYCERIDES

The 'metabolically-obese,' normal-weight individual. Ruderman NB, et al. **Am J Clin Nutr** 1981 Aug;34(8):1617-21

Decreased and continued physical activity and plasma lipoprotein lipids in previously trained men. Sutherland WH, et al. **Atherosclerosis** 1981 Jun;39(3):307-11

Investigation of insulin sensitivity in early diabetes III. The effect of a combined physical training and diet programme on body weight, serum lipids and insulin sensitivity in obese asymptomatic diabetics. Ratzmann KP, et al. **Endokrinologie** 1981 Apr; 77(2):233-41

[Prolonged effects of training on adipose tissue glucose metabolism and insulin responsiveness in adult rats (author's transl)]

Gommers A, et al. **Diabete Metab** 1981 Jun;7(2):121-6 (Eng. Abstr.) **(Fre)**

[Metabolic and hormonal response to physical exercise under acute beta 1-adrenergic blockade (author's transl)] Kindermann W, et al. **Z Kardiol** 1981 May;70(5):406-12 (Eng. Abstr.) **(Ger)**

[Serum triglycerides and cholesterol fractions in 2 groups of young women: effect of diet and degree of motor activity] Reggiani E, et al. **Arch E Maragliano Patol Clin** 1979;35:13-8 (81 ref.) (Eng. Abstr.) **(Ita)**

ULNAR NERVE

Tardy ulnar neuritis in a little league baseball player. Hang YS. **Am J Sports Med** 1981 Jul-Aug;9(4):244-6

[Electroneurographic findings in cyclist's palsy (author's transl)] Krause KH, et al. **EEG EMG** 1981 Jun;12(2):90-3 (Eng. Abstr.) **(Ger)**

[Mechanomyography - results in a normal population and in patients with thyroid dysfunction (author's transl)] Maurer K, et al. **EEG EMG** 1981 Jun;12(2):94-9 (Eng. Abstr.) **(Ger)**

VECTORCARDIOGRAPHY

Comprehensive analysis of exertional ECG changes before and after oral propranolol. Hossack KF, et al. **Clin Cardiol** 1979 Aug; 2(4):272-80

The relationship between exercise-induced R wave amplitude changes and QRS vector loops. Watanabe K, et al. **J Electrocardiol** 1981;14(2):129-38

VENTILATION-PERFUSION RATIO

Components of alveolar-arterial O2 gradient during rest and exercise at sea level and high altitude. Sylvester JT, et al. **J Appl Physiol** 1981 Jun;50(6):1129-39

VENTRICULAR FIBRILLATION

Sudden Death in cold water and ventricular arrhythmia. Keatinge WR, et al. **J Forensic Sci** 1981 Jul;26(3):459-61

VISUAL PERCEPTION

Modifications to the Bassin anticipation timer. Shea CH, et al. **Res Q Exerc Sport** 1981 May;52(2):278-80

VITAL CAPACITY

Double-blind, randomized, placebo-controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris. Johnson SM, et al. **Am J Med** 1981 Sep; 71(3):443-51

Lung function after marathon running at warm and cold ambient temperatures. Mahler DA, et al. **Am Rev Respir Dis** 1981 Aug; 124(2):154-7

Effects of SO2 plus NaCl aerosol combined with moderate exercise on pulmonary function in asthmatic adolescents. Koenig JQ, et al. **Environ Res** 1981 Aug;25(2):340-8

Perception of effort and respiratory sensitivity during exposure to ozone. Mihevic PM, et al. **Ergonomics** 1981 May; 24(5):365-74

The relationship between maximal ventilation, breathing pattern and mechanical limitation of ventilation. Jensen JI, et al. **J Physiol (Lond)** 1980 Dec;309:521-32

Use of isovolume flow curves in the detection of exercise-induced bronchospasm. Rodriguez CH, et al. **Respiration** 1981; 41(2):82-9

[Contribution to the classification of the role of E2 prostaglandin S2 in certain bronchospasm situations] Banaudi C, et al. **Minerva Med** 1981 Jun 23;72(25):1623-6 (Eng. Abstr.) **(Ita)**

VITAMIN A

[Malnutrition in 3 hospital populations] Labadarios D, et al. **S Afr Med J** 1981 Aug 1;60(5):213-6 (Eng. Abstr.) **(Afr)**

VITAMIN B COMPLEX

[Malnutrition in 3 hospital populations] Labadarios D, et al. **S Afr Med J** 1981 Aug 1;60(5):213-6 (Eng. Abstr.) **(Afr)**

VITAMIN E

Glycogen loading: advantages but possible disadvantages. Sharman IM. **Br J Sports Med** 1981 Mar;15(1):64-7

The effect of exhaustive exercise on expired pentane as a measure of in vivo lipid peroxidation in the rat. Gee DL, et al. **Life Sci** 1981 May 21;28(21):2425-9

WEIGHT LIFTING

A normative assessment technique for isotonic strength in college males on the universal gym. Patton RW, et al. **Am Correct Ther J** 1981 May-Jun;35(3):78-81

Weight-lifting by normal and deafferented monkeys: evidence for compensatory changes in ongoing movements. Wylie RM, et al. **Brain Res** 1981 Aug 24;219(1):172-7

Effects of methandienone on the performance and body composition of men undergoing athletic training. Hervey GR, et al. **Clin Sci** 1981 Apr;60(4):457-61

Energy expenditure during load carriage at high altitude. Cymerman A, et al. **J Appl Physiol** 1981 Jul;51(1):14-8

Protein synthesis rates in atrophied gastrocnemius muscles after limp immobilization. Tucker KR, et al. **J Appl Physiol** 1981 Jul; 51(1):73-7

The effects of detraining on an elite power lifter. A case study. Staron RS, et al. **J Neurol Sci** 1981 Aug;51(2):247-57

Exercise effects upon reflex time components in weight lifters and distance runners. Kamen G, et al. **Med Sci Sports Exerc** 1981; 13(3):198-204

[Experience in preventing posttraumatic arthrosis deformans of the knee in athletes] Zavesa PZ, et al. **Ortop Travmatol Protez** 1981 Jun;(6):26-8 (Eng. Abstr.) **(Rus)**

WOLFF-PARKINSON-WHITE SYNDROME

ECG effects of aerobic dance: a study of five exercise-conditioned young women. Metcalf JA, et al. **Postgrad Med** 1981 Aug; 70(2):219-23

WOMEN

Women's gymnastics. A significant rule change. Jackson DW. **Am J Sports Med** 1981 Sep-Oct;9(5):345-6

WORK OF BREATHING

Pulmonary mechanisms and work of breathing at maximal ventilation and raised air pressure. Hesser CM, et al. **J Appl Physiol** 1981 Apr;50(4):747-53

WOUNDS AND INJURIES

Bicycle injuries among children [editorial] Lapner M, et al. **Can Med Assoc J** 1981 Jul 15;125(2):132

WRESTLING

Cervical spine injuries resulting from collision sports. Kewalramani LS, et al. **Paraplegia** 1981;19(5):303-12

[Humeral fracture caused by arm wrestling] Alkalay I, et al. **Harefuah** 1981 Feb 1;100(3):131-2 (Eng. Abstr.) **(Heb)**

[Experience in preventing posttraumatic arthrosis deformans of the knee in athletes] Zavesa PZ, et al. **Ortop Travmatol Protez** 1981 Jun;(6):26-8 (Eng. Abstr.) **(Rus)**

WRIST INJURIES

Post traumatic ligamentous instability of the wrist. Israeli A, et al. **Br J Sports Med** 1981 Mar;15(1):17-9

WRIST JOINT

Dynamics of the pole vault. Hubbard M. **J Biomech** 1980; 13(11):965-76

PHYSICAL FITNESS/SPORTS MEDICINE

A

Abdulkhaev FA see **Rezviakov NP**
Abdullin AR see **Rezviakov NP**
Abe E: [Intramuscular pressure and muscle blood flow during and after contraction (author's transl)] Nippon Seikeigeka Gakkai Zasshi 1981 Apr;55(4):399–410 (Eng. Abstr.) **(Jpn)**
Abé H, Nakamura T, Kimura T, et al: Stress-strain relation of cardiac muscle determined from ventricular pressure-time relationships during isovolumic contractions. J Biomech 1981; 14(5):357–60
Abel PW see **Trapani A**
Aberle ED see **Judge MD**
Ablasser A see **Mäurer W**
Achuff SC see **Rehn T**
Ackland T see **Elliot B**
Adams ID: Medical aspects of sports injuries. Br J Sports Med 1981 Mar;15(1):49–50
Adams WC, Savin WM, Christo AE: Detection of ozone toxicity during continuous exercise via the effective dose concept. J Appl Physiol 1981 Aug;51(2):415–22
Agnoletto V see **Conte G**
Ago Y see **Goyeche JR**
Ahmed SS, Regan TJ: Assessment of left ventricular contractile performance from isovolumic relaxation phase in man. Cardiology 1981;68(1):1–18
Aigner R see **Falter EW**
Akhras F, Rickards AF: The relationship between QT interval and heart rate during physiological exercise and pacing. Jpn Heart J 1981 May;22(3):345–51
Aksenov VP see **Oberemchenko IaV**
Albrechtsson U, Einarsson E, Eklöf B: Femoral vein pressure measurements for evaluation of venous function in patients with postthrombotic iliac veins. Cardiovasc Intervent Radiol 1981 Feb;4(1):43–50
Alexander E see **Conroy RW**
Alhava EM see **Pääkkönen M**
Alison JA, Samios R, Anderson SD: Evaluation of exercise training in patients with chronic airway obstruction. Phys Ther 1981 Sep; 61(9):1273–7
Alison JA, Anderson SD: Comparison of two methods of assessing physical performance in patients with chronic airway obstruction. Phys Ther 1981 Sep;61(9):1278–80
Alkalay I, Greenberg B, Daniel M: [Humeral fracture caused by arm wrestling] Harefuah 1981 Feb 1;100(3):131–2 (Eng. Abstr.) **(Heb)**
Allen KW see **Hull ML**
Almes MJ see **Sivarajan ES**
Alpert BS, Dover EV, Booker DL, et al: Blood pressure response to dynamic exercise in healthy children--black vs white. J Pediatr 1981 Oct;99(4):556–60
Alvarez RG see **Waldrop JI**
Amery A, Fagard R, Lijnen P, et al: Role of the renin-angiotensin and of the adrenergic system in the blood pressure regulation at exercise in normotensive subjects and in hypertensive patients. Cardiology 1981;68(2):103–17
Amiel D see **Woo SL**
Amsterdam EA: Value and limitations of exercise testing. Proc Annu Meet Med Sect Am Counc Life Insur 1980;5:117–25
Amsterdam EA see **Dressendorfer RH**
Anderson SD, Bye PT, Schoeffel RE, et al: Arterial plasma histamine levels at rest, and during and after exercise in patients with asthma: effects of terbutaline aerosol. Thorax 1981 Apr; 36(4):259–67
Anderson SD: Drugs affecting the respiratory system with particular reference to asthma. Med Sci Sports Exerc 1981; 13(4):259–65 (40 ref.)
Anderson SD see **Alison JA**
Andersson GB see **Dehlin O**
Andrew GM, Oldridge NB, Parker JO, et al: Reasons for dropout from exercise programs in post-coronary patients. Med Sci Sports Exerc 1981;13(3):164–8
Andrews JL Jr, Copeland BE, Salah RM, et al: Arterial blood gas standards for healthy young nonsmoking subjects. Am J Clin Pathol 1981 Jun;75(6):773–80
Andrews V see **Weber KT**
Angus JA see **Brazenor RM**
Angwin P see **Bortz WM 2d**
Aniaasson A, Grimby G, Rundgren A: Isometric and isokinetic quadriceps muscle strength in 70-year-old men and women. Scand J Rehabil Med 1980;12(4):161–8
Aniansson A, Rundgren A, Sperling L: Evaluation of functional capacity in activities of daily living in 70-year-old men and women. Scand J Rehabil Med 1980;12(4):145–54
Anitov IuM see **Buiarov VM**
Anton M, Bilder J, Rehurek J: Hydraulické fraktury očnice v dětském věku. Rozhl Chir 1980 Jul;59(7):460–5 (Eng. Abstr.) **(Cze)**
Apanasenko GL, Miguleva VG, Dubogaĭ AD, et al: Funktsional'naia i dvigatel'naia gotovnost' k sdache normativov kompleksa GTO kak pokazatel' dinamicheskogo zdorov'ia 7--9 let. Gig Sanit 1981 Jul;(7):27–30 (Eng. Abstr.) **(Rus)**
Apor P, Fekete G, Kostre WM: Data on aerobic efficiency of running. Acta Physiol Acad Sci Hung 1980;56(3):275–80
Appenzeller O: What makes us run? [editorial] N Engl J Med 1981 Sep 3;305(10):578–80
Apple DF Jr, Loughlin EC Jr: Osteoid osteoma of the ankle in an athlete. Am J Sports Med 1981 Jul-Aug;9(4):254–5
Apple FS: Presence of creatine kinase MB isoenzyme during marathon training [letter] N Engl J Med 1981 Sep 24; 305(13):764–5
Aragno R: The effect of catecholamines or sodium lactate on blood lactate distribution in the rat. J Sports Med Phys Fitness 1981 Mar;21(1):7–14
Aragón JJ, Tornheim K, Goodman MN, et al: Replenishment of citric acid cycle intermediates by the purine nucleotide cycle in rat skeletal muscle. Curr Top Cell Regul 1981;18:131–49
Arbizu T, Graus F, Santamaría J, et al: Neuropatía periférica e insulinoma. Med Clin (Barc) 1981 Mar 25;76(6):271–4 (Eng. Abstr.) **(Spa)**
Armstrong N, Davies B: An ergometric analysis of age group swimmers. Br J Sports Med 1981 Mar;15(1):20–6
Armstrong N, Davies B: The prevalence of coronary risk factors in children--a review. Acta Paediatr Belg 1980 Oct-Dec; 33(4):209–17 (92 ref.)
Arnold S see **Parmley WW**
Arora NS, Gal TJ: Cough dynamics during progressive expiratory muscle weakness in healthy curarized subjects. J Appl Physiol 1981 Aug;51(2):494–8

PHYSICAL FITNESS/SPORTS MEDICINE

Ashby AA see **Shea CH**
Aslibekian IS see **Kniazeva TA**
Assennato P see **Caimi G**
Aström H see **Lundborg P**
Atha J see **Baker S**
Aubier M, Farkas G, De Troyer A, et al: Detection of diaphragmatic fatigue in man by phrenic stimulation. J Appl Physiol 1981 Mar; 50(3):538-44
Avellini BA see **Shapiro Y**
Awan NA, Evenson MK, Needham KE, et al: Management of refractory congestive heart failure with prazosin. Am Heart J 1981 Sep;102(3 Pt 2):626-34 (32 ref.)

B

Babotai J see **Kappenberger L**
Bacharach SL see **Bonow RO**
Bachl N, Korsten-Reck U, Simon G, et al: Echokardiographische Normwerte bei Kindern und ihre Beziehung zur erogmetrischen Leistungsfähigkeit). Z Kardiol 1980 Dec;69(12):845-51 (Eng. Abstr.) **(Ger)**
Bacon PA see **Scott DG**
Badeer HS: Cardiac output and venous return as interdependent and independent variables. Cardiology 1981;67(2):65-72
Baer E see **Kastelic J**
Bagdasar'ian SN see **Tolkacheva NV**
Bagust J, Lewis DM, Westerman RA: Motor units in cross-reinnervated fast and slow twitch muscle of the cat. J Physiol (Lond) 1981;313:223-35
Bailey IK see **Rigo P**
Baker ER, Mathur RS, Kirk RF, et al: Female runners and secondary amenorrhea: correlation with age, parity, mileage, and plasma hormonal and sex-hormone-binding globulin concentrations. Fertil Steril 1981 Aug;36(2):183-7
Baker S, Atha J: Canoeists' disorientation following cold immersion. Br J Sports Med 1981 Jun;15(2):111-5
Baker WP see **Connor TM**
Balasubramanian V see **Millar-Craig MW**
Baldoni F see **Tallarida G**
Baldwin KM see **Gleeson TT**
Balestreri R see **Reggiani E**
Balfour-Lynn L, Tooley M, Godfrey S: Relationship of exercise-induced asthma to clinical asthma in childhood. Arch Dis Child 1981 Jun;56(6):450-4
Ballantyne D see **Clark RS**
Banaudi C, Gulotta C, Sera G, et al: Contributo all'inquadramento del ruolo delle prostaglandine E2 in determinate situazioni di broncospasmo. Minerva Med 1981 Jun 23;72(25):1623-6 (Eng. Abstr.) **(Ita)**
Bangham CR, Hope RA: Exercise-induced asthma in Nepalese children. Clin Allergy 1981 May;11(3):273-80
Baran L, Ogielska E, Niżankowska H, et al: Wpływ wysiłku fizycznego na reakcję naczyń mózgowych u chorych z nadciśnieniem tętniczym. Klin Oczna 1981 Jan;83(1):11-2 (Eng. Abstr.) **(Pol)**
Barendsen GJ, van den Berg J: Arterial blood pressure and the flow in the calf at rest and during reactive hyperemia. Angiology 1981 Sep;32(9):615-23
Bargiel Z, Nowicka H, Wójcikowska J: Swim-stress induced changes of rat adrenal catecholamine level depending on metabolic state and different ambient temperature. Folia Histochem Cytochem (Krakow) 1981;19(1):31-7
Barnes PJ, Brown MJ: Venous plasma histamine in exercise- and hyperventilation-induced asthma in man. Clin Sci 1981 Aug; 61(2):159-62
Barnes WS: Selected physiological characteristics of elite male sprint athletes. J Sports Med Phys Fitness 1981 Mar;21(1):49-54
Barrett GR: On the field knee exam for the team physician. J Miss State Med Assoc 1981 Sep;22(9):224-7
Barry A, Cantwell T, Doherty F, et al: A nutritional study of Irish athletes. Br J Sports Med 1981 Jun;15(2):99-109
Bassett JR see **Davis HA**
Bassler TJ: Weight reduction and sudden death [letter] Am J Clin Nutr 1981 Aug;34(8):1639-40
Basu PK: Acid rain and the eye [letter] Can Med Assoc J 1981 Aug 15;125(4):338
Bates R see **Convertino VA**
Battersby W see **Clitsakis D**
Bauer A, Keimer U: Auswirkungen eines verhaltenstherapeutisch orientierten Sportunterrichts auf das Angstverhalten eines lern- und verhaltensgestörten Mädchens. Rehabilitation (Stuttg) 1981 May;20(2):82-5 (Eng. Abstr.) **(Ger)**
Baxter DE see **Mann RA**
Baxter TL see **Bilkey WJ**
Beaglehole R, Hay DR, Foster FH, et al: Trends in coronary heart disease mortality and associated risk factors in New Zealand. NZ Med J 1981 Jun 10;93(685):371-5
Begbie AK: Observation: Behavior change in reactive depressed patients following introduction of basketball skills. Am Correct Ther J 1981 Jul-Aug;35(4):107
Behrman M see **Wolfe SM**
Belcastro AN see **Bonen A**
Beliaev SM: Vliianie 1-sutochnoĭ vodnoĭ immersii na pokazateli kardiorespiratornoĭ sistemy cheloveka pri fizicheskoĭ nagruzke. Kosm Biol Aviakosm Med 1981 Jun-Jul;15(4):24-6 (Eng. Abstr.) **(Rus)**
Bengtsson C see **Lundborg P**
Bennett AF see **Mitchell GS**
Bennett FM, Reischl P, Grodins FS, et al: Dynamics of ventilatory response to exercise in humans. J Appl Physiol 1981 Jul; 51(1):194-203
Bennett PB, Coggin R, Roby J: Control of HPNS in humans during rapid compression with trimix to 650 m (2131 ft). Undersea Biomed Res 1981 Jun;8(2):85-100
Bennie FA see **Valliant PM**
Benson RW see **Marcus NA**
Bentley S: The treatment of sports injuries by local injection. Br J Sports Med 1981 Mar;15(1):71-4
Berard P see **Foray J**
Berberich SN, Zager JR: Combined exercise echocardiography [letter] Chest 1981 Sep;80(3):336
Berchtold P see **Ruderman NB**
Berényi I, Ludwig G, Böszörményi E: Relative cardiac efficiency and ST depression during progressive exercise test. Cardiology 1981;68(1):54-8
Berg A, Keul J, Stippig J, et al: Lipoprotein-cholesterol in coronary-heart-disease (CHD) patients with and without exercise training. Int J Rehabil Res 1981;4(2):211-3
Berg S see **Dehlin O**
Berge R see **Greenberg PS**
Berger BC, Watson DD, Taylor GJ, et al: Quantitative thallium-201 exercise scintigraphy for detection of coronary artery disease. J Nucl Med 1981 Jul;22(7):585-93
Berger HJ, Zaret BL: Nuclear cardiology (second of two parts). N Engl J Med 1981 Oct 8;305(15):855-65 (102 ref.)
Berger W see **Dietz V**
Bergert KD, Neubert I, Krause M, et al: Untersuchungen über Beziehungen zwischen HDL-Cholesterol und Ekg-Befunden. Z Gesamte Inn Med 1981 Jul 1;36(13):462-4 (Eng. Abstr.) **(Ger)**
Berlin R see **Maroon JC**
Berlit P see **Krause KH**
Berman DS see **Freeman MR**
Berry G see **Cockcroft AE**
Berthaux P see **Sebban C**
Bertolini S see **Reggiani E**
Bertsch V: Behandlung der Dupuytren'schen Erkrankung aus krankengymnastischer Socht. Handchirurgie 1980;12(1-2):119-23 (Eng. Abstr.) **(Ger)**
Bessent RG see **Murray RG**
Besstrashnaia NA: Psikhofiziologicheskie kriterii professional'noi prigodnosti zdorovykh lits k professi mashinistki-stenografistki. Gig Sanit 1981 Jun;(6):22-5 (Eng. Abstr.) **(Rus)**
Beunen G, Ostyn M, Simons J, et al: Chronological and biological age as related to physical fitness in boys 12 to 19 years. Ann Hum Biol 1981 Jul;8(4):321-31
Bhargava V see **Watanabe K**
Bhogal RS see **Brodie DA**
Bialek W see **Cooke R**
Biehl G see **Nizard M**
Bienmüller H, Hilpert P: Hämodynamik und körperliche Belastbarkeit bei ventrikelgesteuertem (VVI) and AV-sequentiellem Schrittmacher (DDD) (Falldemonstration). Z Kardiol 1981 Jun;70(6):488-91 (Eng. Abstr.) **(Ger)**
Bierman CW see **Petheram IS**
Biersner RJ, McHugh WB, Rahe RH: Biochemical variability in a tem sports situation. J Human Stress 1981 Sep;7(3):12-7
Biersner RJ see **Gilman SC**
Bigger JT Jr see **Weld FM**
Bilder J see **Anton M**
Bilkey WJ, Baxter TL, Kottke FJ, et al: Muscle formation in Ehlers-Danlos syndrome. Arch Phys Med Rehabil 1981 Sep; 62(9):444-8
Bille-Brahe NE, Eickhoff JH, Engell HC: Pre-operative exercise testing in patients suspected of arteriosclerotic heart disease: methods, risks and reproducibility. Scand J Clin Lab Invest 1981 Feb;41(1):21-7
Biloux RW see **Viberti G**
Birchard GF see **Kilgore DL Jr**
Bird EI see **Wilson VE**
Biro G see **Kindermann W**
Bischoff K: Wirkung von Atenolol auf die Beschwerdesymptomatik Koronarkranker. Eine Doppelblindstudie. MMW 1981 Sep 4; 123(36):1337-40 (Eng. Abstr.) **(Ger)**
Bisson R see **Convertino VA**
Bittencourt LA see **Curti HV**
Björntorp P see **Krotkiewski M**
Blaha M see **Dvořák I**
Blair SN see **Sargent RG**

PHYSICAL FITNESS/SPORTS MEDICINE

Blake RL, Valmassy RL: Podiatric sports medicine: runner's knee examination form. J Am Podiatry Assoc 1981 Jul;71(7):397-403
Blanchard P see **Sinniger M**
Blatz DJ: Bilateral femoral and tibial shaft stress fractures in a runner. Am J Sports Med 1981 Sep-Oct;9(5):322-5
Bleck EE see **Fritz GK**
Blomquist KB: Physical fitness programs in industry: applications of social learning theory. Occup Health Nurs 1981 Jul;29(7):30-3, 49
Bloor CM see **Maxwell JH**
Blundell-Jones G see **King AG**
Bober MC see **Zambraski EJ**
Bockman EL see **McKenzie JE**
Bodard H see **Friggi A**
Bodwell JE, Meyer WL: Purification and characterization of carboxypeptidase A from rat skeletal muscle. Biochemistry 1981 May;20(10):2767-77
Bogardus C, Lagrange BM, Horton ES, et al: Metabolic fuels and the capacity for exercise during hypocaloric diet. Int J Obes 1981; 5(3):295-6
Bogardus C, LaGrange BM, Horton ES, et al: Comparison of carbohydrate-containing and carbohydrate-restricted hypocaloric diets in the treatment of obesity. Endurance and metabolic fuel homeostasis during strenuous exercise. J Clin Invest 1981 Aug;68(2):399-404
Boggs DF see **Kilgore DL Jr**
Bogutskaia EV see **Mironova ZS**
Bonen A, Belcastro AN, Ling WY, et al: Profiles of selected hormones during menstrual cycles of teenage athletes. J Appl Physiol 1981 Mar;50(3):545-51
Bonen A, Malcolm SA, Kilgour RD, et al: Glucose ingestion before and during intense exercise. J Appl Physiol 1981 Apr; 50(4):766-71
Bonev A see **Papasova M**
Bonow RO, Bacharach SL, Green MV, et al: Impaired left ventricular diastolic filling in patients with coronary artery disease: assessment with radionuclide angiography. Circulation 1981 Aug;64(2):315-23
Booker DL see **Alpert BS**
Booth FW see **Tucker KR**
Borchard U, Greeff K, Hafner D, et al: Effects of vanadate on heart and circulation. J Cardiovasc Pharmacol 1981 May-Jun; 3(3):510-21
Bordunovskaia VP, Tsirkin VI, Sashenkov SL: Desensitizatsiia izolirovannogo miometriia krys k biologicheski aktivnym veshchestvam. Fiziol Zh SSSR 1981 Mar;67(3):390-7 (Eng. Abstr.) **(Rus)**
Borghols EA see **Wieling W**
Borkenstein J, Borkenstein M: Blutzuckerverhalten und hormonelle Gegenregulation bei jugendlichen Typ-I diabetikern unter körperlicher Belastung. Acta Med Austriaca 1981;8(3):82-4 (Eng. Abstr.) **(Ger)**
Borkenstein M see **Borkenstein J**
Bornheimer JF, Lau FY: Effects of treadmill exercise on total and myocardial creatine phosphokinase. Chest 1981 Aug;80(2):146-8
Bortz WM 2d, Angwin P, Mefford IN, et al: Catecholamines, dopamine, and endorphin levels during extreme exercise [letter] N Engl J Med 1981 Aug 20;305(8):466-7
Böszörményi E see **Berényi I**
Bouchard C see **Leblanc C**
Boudoulas H, Ruff PD, Fulkerson PK, et al: Effect of propranolol on postexercise left ventricular ejection time index. Am J Cardiol 1981 Aug;48(2):357-60
Boushey HA see **Sheppard D**
Bowering J, Norton GF: Relationship between iron status and exercise in male and female growing rats. J Nutr 1981 Sep; 111(9):1648-57
Bowers WD see **Hubbard RW**
Bowes G see **Phillipson EA**
Boyden TW see **Rotkis T**
Bracey TG see **Jacobs BF**
Bradley BL, Unger KM: The effect on respiratory drive of a prolonged physical conditioning program [letter] Am Rev Respir Dis 1981 Jul;124(1):98-9
Brady AJ, Tan ST, Ricchiuti NV: Perturbation measurements of papillary muscle elasticity. Am J Physiol 1981 Aug; 241(2):H155-73
Brandt PW see **Kawai M**
Bransford DR see **Miles DS**
Braselmann H see **Kunz J**
Brauer BM: Einfache Möglichkeiten der Leistungsüberprüfung im Kindes- und Jugendalter. Arztl Jugendkd 1981;72(2):94-9 (Eng. Abstr.) **(Ger)**
Bräunlich A, Stark H, Thiele H: Zum Gesundheitszustand werktätiger Frauen in der DDR, Ergebnisse arbeitsmedizinischer Tauglichkeits- und Uberwachungsuntersuchungen. Z Gesamte Hyg 1981;27(1):76-82 (Eng. Abstr.) **(Ger)**
Bravený P, Dvořák I, Stejfa M, et al: Dynamika neinvazívních oběhových ukazatelu při ergometrickém vyšetření u zdravých mužu a žen. Cas Lek Cesk 1981 Sep 3;120(35):1041-4 (Eng. Abstr.) **(Cze)**
Brazenor RM, Angus JA: Ergometrine contracts isolated canine coronary arteries by a serotonergic mechanism: no role for alpha adrenoceptors. J Pharmacol Exp Ther 1981 Aug;218(2):530-6
Breslav IS, Isaev GG, Shmeleva AM: Znachenie khemoretseptornykh stimulov dlia skorosti vkliucheniia i vykliucheniia reaktsii dykhaniia na myshechnuiu rabotu. Biull Eksp Biol Med 1981 May;91(5):522-5 (Eng. Abstr.) **(Rus)**
Breslav IS, Isaev GG, Shmeleva AM: Comparison of regulation of respiration in transitional and steady-state regimes of muscular work and under the influence of additional resistance. Hum Physiol 1980 Nov-Dec;6(6):401-6
Breslin FJ see **Stearns DR**
Brewer BJ see **Murray MP**
Brière L see **Reinberg A**
Bringmann W: Die sportliche Belastbarkeit im Kindes- und Jugendalter. Kinderaerztl Prax 1981 Apr;49(4):184-92 (13 ref.) (Eng. Abstr.) **(Ger)**
Brodie DA, Bhogal RS, Mitchell E: A digital display revolution counter. Br J Sports Med 1981 Jun;15(2):133-5
Brody DM: Running injuries. Clin Symp 1980;32(4):1-36 (8 ref.)
Brown BG 3d: Management of refractive errors in myopic athletes. A comparison of the Bausch and Lomb Soflens (Polymacon) contact lenses with glasses, hard lenses, and no correction. Contact Intraocular Lens Med J 1981 Apr-Jun;7(2):123-43
Brown J: An incentive-based employee fitness program. Health Educ (Wash) 1981 Mar-Apr;12(2):23-4
Brown MJ see **Barnes PJ**
Bruce RA see **Hossack KF**
Bruce RA see **Sivarajan ES**
Brück K see **Schmidt V**
Brunelli C, Lazzari M, Simonetti I, et al: Variable threshold of exertional angina: a clue to a vasospastic component. Eur Heart J 1981 Apr;2(2):155-61
Brutsaert DL see **De Clerck NM**
Buianov VM, Kogan BM, Anitov IuM: Otsenka funktsional'nogo sostoianiia miokarda i trudosposobnosti bol'nykh s mitral'nym stenozom do i posle mitral'noi komissurotomii. Grudn Khir 1981 Jul-Aug;(4):23-8 (Eng. Abstr.) **(Rus)**
Bullen BA see **Carr DB**
Bundgaard A see **Ingemann-Hansen T**
Burdge RE see **Hanel DP**
Burgess EM see **Kegel B**
Burkart F see **Chu D**
Burkinshaw L see **Hervey GR**
Burks AW: Pediatric review: head and neck injuries in the young athlete. J Arkansas Med Soc 1981 Jul;78(2):102-5
Burry HC, Gowland H: Cervical injury in rugby football--a New Zealand survey. Br J Sports Med 1981 Mar;15(1):56-9
Butler ML see **Sketch MH**
Buzceva II see **Shmerling MD**
Buzulina VP see **Katkovskii BS**
Byatt J: Relaxation while horse riding [interview by Janet Barber] Nurs Focus 1981 Aug;2(12):421-2
Bye PT see **Anderson SD**

C

Cabot CF see **Johnson LL**
Cacchio M see **Data PG**
Cahen C see **Foray J**
Caimi G, Assennato P, Catania A, et al: Valutazione di alcuni dei fattori emoreologici in un gruppo di soggetti con pregresso infarto miocardico sottoposti a prova da sforzo. Minerva Cardioangiol 1981 Jun;29(6):295-300 (Eng. Abstr.) **(Ita)**
Cain TE, Donzis B, Meins J: Use of the air-inflated jacket in football. Am J Sports Med 1981 Jul-Aug;9(4):240-3
Cain TE, Schwab GH: Performance of an athlete with straight posterior knee instability. Am J Sports Med 1981 Jul-Aug; 9(4):203-8
Caine M see **Shapiro A**
Camuzzi AL see **Román O**
Cannon JH see **Pascoe JR**
Cantwell JD: Gastrointestinal disorders in runners [letter] JAMA 1981 Sep 25;246(13):1404-5
Cantwell T see **Barry A**
Capapé C see **Chadli A**
Capasso JM, Strobeck JE, Sonnenblick EH: Myocardial mechanical alterations during gradual onset long-term hypertension in rats. Am J Physiol 1981 Sep;241(3):H435-41
Carbonin PU, Di Gennaro M, Valle R: R wave amplitude during exercise [letter] Br Heart J 1981 Aug;46(2):224-5
Carlens P: The effect of repeated supine exercise on exercise tolerance and left ventricular pump function in patients with angina pectoris. Scand J Clin Lab Invest 1980 Apr;40(2):105-14
Carne S: General practitioner to a football club. Br Med J [Clin Res] 1981 Sep 19;283(6294):766-7
Carr DB, Bullen BA, Skrinar GS, et al: Physical conditioning

facilitates the exercise-induced secretion of beta-endorphin and beta-lipotropin in women. N Engl J Med 1981 Sep 3; 305(10):560-3
Carson JD see **Percy EC**
Carter DR: A hand held electrode for quick assessment of the EKG. Res Q Exerc Sport 1981 May;52(2):256-63
Casali L see **Grassi C**
Casanueva F, Villanueva L, Penalva A, et al: Free fatty acid inhibition of exercise-induced growth hormone secretion. Horm Metab Res 1981 Jun;13(6):348-50
Cassidy RE, Shaffer AJ: Repair of peripheral meniscus tears. A preliminary report. Am J Sports Med 1981 Jul-Aug;9(4):209-14
Catania A see **Caimi G**
Caucheteux D see **Gommers A**
Cession-Fossion A see **Scheen A**
Chadli A, Jekov S, Capapé C: Etude bactériologique de la qualité des eaux côtières tunisiennes á vocation balnéaire. Arch Inst Pasteur Tunis 1981 Mar-Jun;58(1-2):65-87 (Eng. Abstr.) **(Fre)**
Chahine RA see **Nahormek PA**
Chai H see **Spector SL**
Chambers WW see **Yu J**
Charles TJ see **Hartley JP**
Chatterjee K see **Parmley WW**
Chebotareva NA, Lisovskaia NP, Kurganov BI: Vliianie gliukozo-1-fosfata na sviazyvanie myshechnoĭ glikogenfosforilazy b glikogenom. Biokhimiia 1981 Jul; 46(7):1221-5 (Eng. Abstr.) **(Rus)**
Chekofsky K see **Yost JG**
Chesnut CH 3d: Treatment of postmenopausal osteoporosis: some current concepts. Scott Med J 1981 Jan;26(1):72-80
Chien S see **Letcher RL**
Chiozza M see **Lerman J**
Chlup J, Engel HJ, Pretschner P, et al: Das 201-Thallium-Belastungsszintigramm bei Koronarpatienten nach Verabreichung des kardioselektiven Betablockers Atenolol. Z Kardiol 1981 Jun;70(6):450-4 (Eng. Abstr.) **(Ger)**
Chobotas MA see **Saplinskas JS**
Chodakowska J see **Zukowska-Grójec Z**
Chrástek J see **Romanovská L**
Christaki R see **Louridas G**
Christensen LV: An electromyographic and cephalometric study on facial pains and facial morphology in children. J Oral Rehabil 1981 May;8(3):267-77
Christensen NJ see **Hesse B**
Christo AE see **Adams WC**
Chu D, Burkart F, Cocco G, et al: Vergleich der hämodynamischen Effekte einer standardisierten Karate-Ubung und der Fahrradergometrie. Schweiz Med Wochenschr 1981 Jun 27; 111(26):1020 (Eng. Abstr.) **(Ger)**
Chu KL see **Weld FM**
Chudinovskikh AV see **Vorob'ev AT**
Chun D see **Minh VD**
Chung DY, Gannon RP, Willson GN, et al: Shooting, sensorineural hearing loss, and workers' compensation. JOM 1981 Jul; 23(7):481-4
Cifaldi S, Coviello M, Malvezzi A, et al: Valutazione reografica del flusso sanguigno periferico in corso di esercizio isometrico. Boll Soc Ital Biol Sper 1980 Feb 29;56(4):369-75 (Eng. Abstr.) **(Ita)**
Cingolani HE see **Mattiazzi AR**
Cink RE, Thomas TR: Validity of the Astrand-Ryhming nomogram for predicting maximal oxygen intake. Br J Sports Med 1981 Sep;15(3):182-5
Claes VA see **De Clerck NM**
Clamann HP see **Kukulka CG**
Clancy J, Noyes R: Anxiety disorder: management of chronic illness. J Clin Psychiatry 1981 Sep;42(9):330-2
Clark RS, Ballantyne D: Physical activity and coronary heart disease. Scott Med J 1981 Jan;26(1):15-20 (42 ref.)
Clark TJ see **Spiro SG**
Clarkson PM see **Kroll W**
Clarkson PM see **Wilcox AR**
Cleary P see **Stern MJ**
Clitsakis D, Layton CA, Battersby W, et al: Effect of stenosed and occluded coronary arteries on immediate and late myocardial uptake of thallium-201. Br Heart J 1981 Aug;46(2):186-9
Coates TJ, Jeffery RW, Slinkard LA: Heart healthy eating and exercise: introducing and maintaining changes in health behaviors. Am J Public Health 1981 Jan;71(1):15-23
Cocco G see **Chu D**
Cockcroft AE, Saunders MJ, Berry G: Randomised controlled trial of rehabilitation in chronic respiratory disability. Thorax 1981 Mar;36(3):200-3
Coggin R see **Bennett PB**
Cohen DA see **Young ML**
Cohen EL see **Kim SW**
Cohen G see **Grosack MA**
Collis MG see **Vanhoutte PM**
Connor TM, Baker WP: A comparison of coarctation resection and patch angioplasty using postexercise blood pressure measurements. Circulation 1981 Sep;64(3):567-72
Conrad CC: The president's council on physical fitness and sports. Am J Sports Med 1981 Jul-Aug;9(4):199-202
Conroy RW, Smith K, Alexander E, et al: Total fitness as a psychiatric hospital program. Bull Menninger Clin 1981 Jan; 45(1):65-71
Conte G, Locatelli C, Agnoletto V, et al: L'esercizio dinamico con cicloergometro nei soggetti normali ed ipertesi essenziali dopo induzione di acidosi e alcalosi metabolica. Boll Soc Ital Cardiol 1980;25(7):863-6 (Eng. Abstr.) **(Ita)**
Convertino VA, Bisson R, Bates R, et al: Effects of antiorthostatic bedrest on the cardiorespiratory responses to exercise. Aviat Space Environ Med 1981 Apr;52(4):251-5
Cooke R, Bialek W: Contraction of glycerinated muscle fibers as a function of the ATP concentration. Biophys J 1979 Nov; 28(2):241-58
Cooper KE see **Martin S**
Cooper LK, Rothstein AL: Videotape replay and the learning of skills in open and closed environments. Res Q Exerc Sport 1981 May;52(2):191-9
Copeland BE see **Andrews JL Jr**
Coppinger RP see **Phillips CJ**
Corbett JR, Dehmer GJ, Lewis SE, et al: The prognostic value of submaximal exercise testing with radionuclide ventriculography before hospital discharge in patients with recent myocardial infarction. Circulation 1981 Sep;64(3):535-44
Corbett JR see **Johnson SM**
Costill DL, Sherman WM, Fink WJ, et al: The role of dietary carbohydrates in muscle glycogen resynthesis after strenuous running. Am J Clin Nutr 1981 Sep;34(9):1831-6
Coughlin MJ see **Mann RA**
Coviello M see **Cifaldi S**
Cox MS: Retinal breaks caused by blunt nonperforating trauma at the point of impact. Trans Am Ophthalmol Soc 1980;78:414-66
Cox RN see **Kawai M**
Cracchiolo A 3d, Swanson A, Swanson GD: The arthritic great toe metatarsophalangeal joint: a review of flexible silicone implant arthroplasty from two medical centers. Clin Orthop 1981; (157):64-9 (11 ref.)
Crawford MH see **Starling MR**
Crean D: The management of soft tissue ankle injuries. Br J Sports Med 1981 Mar;15(1):75-6
Csákváry G see **Frenkl R**
Cserháti E, Mezei G, Kelemen J, et al: Asthma bronchiale und Sport. Allerg Immunol (Leipz) 1981;27(1):40-7 (Eng. Abstr.) **(Ger)**
Cumming DC see **Rebar RW**
Cummings LA see **Morin LP**
Cureton KJ: Matching of male and female subjects using VO2 max. Res Q Exerc Sport 1981 May;52(2):264-8
Curti HV, Sanches PC, Bittencourt LA, et al: Taquicardia ventricular pelo uso de amiodarona. Relato de um caso. Arq Bras Cardiol 1981 Jan;36(1):49-51 (Eng. Abstr.) **(Por)**
Curtis RM, Engalitcheff J Jr: A work simulator for rehabilitating the upper extremity-preliminary report. J Hand Surg 1981 Sep; 6(5):499-501
Cymerman A, Pandolf KB, Young AJ, et al: Energy expenditure during load carriage at high altitude. J Appl Physiol 1981 Jul; 51(1):14-8
Cymerman A see **Sylvester JT**

D

Dacian S see **Kraus F**
Dahl IS see **Fritz GK**
Dahlmann B, Widjaja A, Reinauer H: Antagonistic effects of endurance training and testosterone on alkaline proteolytic activity in rat skeletal muscles. Eur J Applied Physiol 1981; 46(3):229-35
Dander B see **Rossi L**
Dandy DJ see **Edixhoven P**
Daniel M see **Alkalay I**
Danneskiold-Samsøe B see **Gaffney FA**
Das Gupta PK see **De AK**
Data PG, Cacchio M, Vecchiet L, et al: Determinazione della massima potenza anaerobica. Boll Soc Ital Biol Sper 1981 Mar 30;57(6):692-7 (Eng. Abstr.) **(Ita)**
Date VN see **Subrahmanyam M**
Dau PC: Plasmapheresis in idiopathic inflammatory myopathy. Experience with 35 patients. Arch Neurol 1981 Sep;38(9):544-52
Davidson JK: Skeletal and pulmonary radiology changes in divers. J Soc Occup Med 1981 Jul;31(3):85-92
Davies B see **Armstrong N**
Davies CT: Effect of acclimatization to heat on the regulation of sweating during moderate and severe exercise. J Appl Physiol 1981 Apr;50(4):741-6
Davies GJ see **Uthurralt N**
Davies JE: Sports injuries and society. Br J Sports Med 1981 Mar;

15(1):80-3

Davis HA, Gass GC, Bassett JR: Serum cortisol response to incremental work in experienced and naive subjects. Psychosom Med 1981 Apr;43(2):127-32

Davis JA see **Oren A**

Davis JA see **Wasserman K**

Davis JR see **Hickson RC**

Day CM see **Tennant FS Jr**

Day RO: Effects of exercise performance on drugs used in musculoskeletal disorders. Med Sci Sports Exerc 1981; 13(4):272-5

De AK, Das Gupta PK, Panda BK, et al: A comparison of ventilatory pulmonary functions between the National Cadet Corps (N.C.C.) of hilly and plain areas. Indian J Physiol Pharmacol 1981 Jan-Mar;25(1):69-72

Dean W: Effect of sweating [letter] JAMA 1981 Aug 7;246(6):623

De Backer G, Kornitzer M, Sobolski J, et al: Physical activity and physical fitness levels of Belgian males aged 40-55 years. Cardiology 1981;67(2):110-28

de Champlain J see **Péronnet F**

De Clerck NM, Claes VA, Brutsaert DL: Effect of temperature on the mechanical behaviour of single skinned cardiac cells. J Muscle Res Cell Motil 1981 Jun;2(2):183-91

de Feyter PJ, Majid PA, van Eenige MJ, et al: Clinical significance of exercise-induced ST segment elevation. Correlative angiographic study in patients with ischaemic heart disease. Br Heart J 1981 Jul;46(1):84-92

De Freitas V, Vitti M: Electromyographic study of the trapezius (pars media) and rhomboideus major muscles in movements of the arm (part 2). Electromyogr Clin Neurophysiol 1981 Jun-Aug; 21(5):479-85

de Freitas V, Vitti M: Étude électromyographique des muscles trapezius (partie moyenne) et rhomboideus major sousmis à tension isométrique. Anat Anz 1981;149(2):176-84 (Eng. Abstr.) **(Fre)**

Dehez-Delhaye M see **Gommers A**

Dehlin O, Berg S, Andersson GB, et al: Effect of physical training and ergonomic counselling on the psychological perception of work and on the subjective assessment of low-back insufficiency. Scand J Rehabil Med 1981;13(1):1-9

Dehmer GJ see **Corbett JR**

Dehmer GJ see **Willerson JT**

Deimel H: Sporttherapie bei psychisch Kranken. Psychiatr Prax 1980 May;7(2):97-103 (Eng. Abstr.) **(Ger)**

Delbridge LM, Loiselle DS: An ultrastructural investigation into the size dependency of contractility of isolated cardiac muscle. Cardiovasc Res 1981 Jan;15(1):21-7

Delisa JA, Greenberg S: Basic upper extremity orthotics. Am Fam Physician 1981 Aug;24(2):169-75

Demers LM, Harrison TS, Halbert DR, et al: Effect of prolonged exercise on plasma prostaglandin levels. Prostaglandins Med 1981 Apr;6(4):413-8

Deno NS, Kamon E, Kiser DM: Physiological responses to resistance breathing during short and prolonged exercise. Am Ind Hyg Assoc J 1981 Aug;42(8):616-23

de Plessis MP: Cervical injury in the rugby scrum [letter] S Afr Med J 1981 Sep 12;60(11):410

Desai ID, Garcia Tavares ML, Dutra de Oliveira BS, et al: Anthropometric and cycloergometric assessment of the nutritional status of the children of agricultural migrant workers in Southern Brazil. Am J Clin Nutr 1981 Sep;34(9):1925-34

de Servi S, Falcone C, Gavazzi A, et al: The exercise test in variant angina: results in 114 patients. Circulation 1981 Oct;64(4):684-8

De Troyer A see **Aubier M**

deVries HA see **Moritani T**

Dewitt LD, Greenberg HS: Roller disco neuropathy [letter] JAMA 1981 Aug 21;246(8):836

Diamond GA, Forrester JS: Improved interpretation of a continuous variable in diagnostic testing: probabilistic analysis of scintigraphic rest and exercise left ventricular ejection fractions for coronary disease detection. Am Heart J 1981 Aug; 102(2):189-95

Diamond J see **Janis RA**

Dick HM see **Jacobs JC**

Dietz V, Quintern J, Berger W: Electrophysiological studies of gait in spasticity and rigidity. Evidence that altered mechanical properties of muscle contribute to hypertonia. Brain 1981 Sep; 104(3):431-49

Di Gennaro M see **Carbonin PU**

Dingeman RD see **Jackson DW**

Dishman RK: Biologic influences on exercise adherence. Res Q Exerc Sport 1981 May;52(2):143-59

Dishman RK see **Jackson A**

DiVincenzo GD, Kaplan CJ: Effect of exercise or smoking on the uptake, metabolism, and excretion of methylene chloride vapor. Toxicol Appl Pharmacol 1981 Jun 15;59(1):141-8

Dixon JA see **Gonyea WJ**

Doershuk CF see **Orenstein DM**

Doherty F see **Barry A**

Dolan GF see **Minh VD**

Doll-Tepper G see **Dordel HJ**

Dolmierski R, Kwiatkowski SR, Pałubicki J: Choice of candidates for saturated diving in the light of psychophysiological and psychiatric-neurological examinations. Bull Inst Marit Trop Med Gdynia 1980;31(3-4):157-64

Donev N see **Petkov V**

Donzis B see **Cain TE**

Dordel HJ, Doll-Tepper G, Grams H: Sport und motorische Fördermassnahmen in der Rehabilitation Behinderter in Südfrankreich. Bericht über eine Studienfahrt. Rehabilitation (Stuttg) 1981 May;20(2):76-81 (Eng. Abstr.) **(Ger)**

Dorman JM: Scrum strep [letter] N Engl J Med 1981 Aug 20; 305(8):467

Dormer KJ, Stone HL: Interaction of fastigial pressure response and depressor response to nasal perfusion. J Auton Nerv Syst 1980 Oct;2(3):269-80

Dósa G see **Jókai I**

Dover EV see **Alpert BS**

Dowdeswell IR see **Spiro SG**

Downey JA see **Jacobs JC**

Dressendorfer RH, Wade CE, Amsterdam EA: Development of of pseudoanemia in marathon runners during a 20-day road race. JAMA 1981 Sep 11;246(11):1215-8

Dressendorfer RH see **Wade CE**

Drez D, Faust DC, Evans JP: Cryotherapy and nerve palsy. Am J Sports Med 1981 Jul-Aug;9(4):256-7

Driedger AA see **Manyari DE**

Droge MH see **Williams BJ**

Drozdov AD see **Podgornaia OI**

Dubogai AD see **Apanasenko GL**

Dumitrescu C, Mihalache N, Mirodon Z, et al: The behaviour of some biologic parameters in obese patients after short-term exercise under restrictive diets. Med Interne 1981 Apr-Jun; 19(2):199-204

Dunn RF, Wolff L, Wagner S, et al: The inconsistent pattern of thallium defects: a clue to the false positive perfusion scintigram. Am J Cardiol 1981 Aug;48(2):224-32

Dutra de Oliveira BS see **Desai ID**

Dvořák I, Zemánková J, Blaha M: Význam telemetrie v rehabilitaci čerstvého srdečního infarktu. Cas Lek Cesk 1981 Jul 30; 120(29-30):902-6 (Eng. Abstr.) **(Cze)**

Dvořák I see **Bravený P**

Dziedziczko A: Praktyczne znaczenie badania wydolności fizycznej w rozpoznawaniu zaburzeń czynnościowych układu krążenia. Pol Tyg Lek 1981 Mar 16;36(11):397-9 (Eng. Abstr.) **(Pol)**

E

Easterbrook M: Eye injuries in racquet sports: a continuing problem [letter] Can Med Assoc J 1980 Aug 23;123(4):268-9

Edixhoven P, Sinha SC, Dandy DJ: Horse injuries. Injury 1981 Jan;12(4):279-82

Edwards RH: Studies of muscular performance in normal and dystrophic subjects. Br Med Bull 1980 May;36(2):159-64 (59 ref.)

Efimenko AM see **Tolkacheva NV**

Ehsani AA, Heath GW, Hagberg JM, et al: Noninvasive assessment of changes in left ventricular function induced by graded isometric exercise in healthy subjects. Chest 1981 Jul;80(1):51-5

Eickhoff JH see **Bille-Brahe NE**

Einarsson E see **Albrechtsson U**

Eisner J see **Kolesár J**

Ekblom B see **Fridén J**

Ekblom B see **Nordemar R**

Eklöf B see **Albrechtsson U**

Elamin MS, Mary DA, Smith DR, et al: Prediction of severity of coronary artery disease using slope of submaximal ST segment/heart rate relationship. Cardiovasc Res 1980 Dec; 14(12):681-91

Elledge J see **Gabbard C**

Ellestad MH see **Greenberg PS**

Ellestad MH see **Morales-Ballejo H**

Elliot B, Ackland T: Biomechanical effects of fatigue on 10,000 meter running technique. Res Q Exerc Sport 1981 May; 52(2):160-6

Eloranta V, Komi PV: Function of the quadriceps femoris muscle under the full range of forces and differing contraction velocities of concentric work. Electromyogr Clin Neurophysiol 1981 Apr-May;21(4):419-31

Endrödi J see **Jókai I**

Engalitcheff J Jr see **Curtis RM**

Engel HJ see **Chlup J**

Engel J see **Israeli A**

Engell HC see **Bille-Brahe NE**

Engin AE, Kazarian L: Active muscle force and moment response of the human arm and shoulder. Aviat Space Environ Med 1981 Sep;52(9):523-30

Epstein Y see **Keren G**

Espureo M see **Perego MA**

PHYSICAL FITNESS/SPORTS MEDICINE

Evans JP see **Drez D**

Evenson MK see **Awan NA**

F

Fagard R see **Amery A**

Fagraeus L see **Hesser CM**

Fahrer H: Die medizinische Betreuung der Schweizer Olympia-Missionen 1980. Schweiz Z Sportmed 1981 Jun; 29(2):60-6 (Eng. Abstr.) **(Ger)**

Falcone C see **de Servi S**

Falter EW, Aigner R, Hellerer O, et al: Wirbelsäulenschäden bei jugendlichen Hochleistungsturnern. Fortschr Med 1981 Feb 5; 99(5):145-8 (Eng. Abstr.) **(Ger)**

Farel PB see **Stehouwer DJ**

Farfan HF see **Gracovetsky S**

Farge EJ see **Hartung GH**

Farkas G see **Aubier M**

Fastabend CP: Functional assessment of the cardiac patient. J La State Med Soc 1981 Apr;133(4):49-51

Faust DC see **Drez D**

Fed'ko GP see **Kotko DN**

Fekete G see **Apor P**

Felig P: Exercise. Curr Concepts Nutr 1981;10:165-72

Felig P see **Fortney SM**

Fellmann H: Körperliches Training und Koronarsklerose. Praxis 1980 Nov 4;69(44):1602-8 (Eng. Abstr.) **(Ger)**

Fenney LJ see **Timmis AD**

Fentem PH: Sudden, unexpected death in sport [letter] Br J Sports Med 1981 Jun;15(2):135

Fernbach SK, Wilkinson RH: Avulsion injuries of the pelvis and proximal femur. AJR 1981 Sep;137(3):581-4

Ferraro GL see **Pascoe JR**

Ferraro N see **Wilson JR**

Ferro G, Maione S, Tari MG, et al: Non-invasive evaluation by thermistor plethysmography of left ventricular performance during dynamic exercise. Comparison with echocardiography. Jpn Heart J 1981 May;22(3):335-43

Filiushina EE see **Shmerling MD**

Findley LJ, Gresty MA: Tremor. Br J Hosp Med 1981 Jul; 26(1):16-32

Fink WJ see **Costill DL**

Fischer JR see **Hull DH**

Fleischman JA see **Jampol LM**

Fleming TC: Health can be a bargain [editorial] Postgrad Med 1981 Aug;70(2):13, 16

Fletcher GF: Exercise and coronary risk factor modification in the management of atherosclerosis. Heart Lung 1981 Sep-Oct; 10(5):811-3

Flynn AM see **Vander Tuig JG**

Folkins CH, Sime WE: Physical fitness training and mental health. Am Psychol 1981 Apr;36(4):373-89 (128 ref.)

Foray J, Cahen C, Berard P, et al: Les hypothermies de montagne. Apports thérapeutiques nouveaux. Chirurgie 1981;107(4):305-10 (Eng. Abstr.) **(Fre)**

Fordyce W, McMahon R, Rainwater G, et al: Pain complaint--exercise performance relationship in chronic pain. Pain 1981 Jun;10(3):311-21

Forrester JS see **Diamond GA**

Forsman L: Note on estimating catecholamines in urine sampled after 75-min periods of mental work and inactivity. J Psychosom Res 1981;25(3):223-5

Fortney SM, Koivisto VA, Felig P, et al: Circulatory and temperature regulatory responses to exercise in a warm environment in insulin-dependent diabetics. Yale J Biol Med 1981 Mar-Apr;54(2):101-9

Foster FH see **Beaglehole R**

Fowler ME: Exhausted horse syndrome. J S Afr Vet Assoc 1980 Jun;51(2):85-6

Fowler ME: Veterinary management of endurance trial rides. J S Afr Vet Assoc 1980 Jun;51(2):81-3

Fowler ME: Veterinary problems during endurance trail rides. J S Afr Vet Assoc 1980 Jun;51(2):87-91

Fox KM, Jonathan A, Selwyn AP: The use of propranolol and nifedipine in the medical management of angina pectoris. Clin Cardiol 1981 May;4(3):125-9

Fraboulet G see **Reinberg A**

Francesconi R, Mager M: Chronic chlorpromazine administration in rats: effects on ability to work in the heat. J Appl Physiol 1981 Mar;50(3):509-12

Francesconi R, Mager M: Prostaglandin E1 hyperthermia: effects on ability to work in the heat. J Appl Physiol 1981 Jul;51(1):62-7

Franklin BA see **Orenstein DM**

Fred HL: The 100-mile run: preparation, performance, and recovery. A case report. Am J Sports Med 1981 Jul-Aug; 9(4):258-61

Frederiksen DW see **Hobbs DS**

Freedson PS, Gilliam TB, Sady SP, et al: Transient VO2 characteristics in children at the onset of steady-rate exercise. Res Q Exerc Sport 1981 May;52(2):167-73

Freeman MR, Berman DS, Staniloff H, et al: Comparison of upright and supine bicycle exercise in the detection and evaluation of extent of coronary artery disease by equilibrium radionuclide ventriculography. Am Heart J 1981 Aug;102(2):182-9

Fregin GF see **Thomas DP**

Frenkl R, Szeberényi S, Csákváry G: Enzyme inducer effects after liver denervation in the rat. Acta Physiol Acad Sci Hung 1981; 57(1):47-50

Frick MH, Harjola PT, Valle M: Persistence of improved exercise tolerance and degree of revascularization after coronary bypass surgery. A prospective randomized study. Clin Cardiol 1979 Apr; 2(2):81-6

Fridén J, Sjöström M, Ekblom B: A morphological study of delayed muscle soreness. Experientia 1981 May 15;37(5):506-7

Friggi A, Bodard H: Effects of clonidine on aortic pressure-diameter and elastic stiffness-stress relations in anaesthetized rabbits. Clin Sci 1981 Sep;61(3):273-9

Frisch RE, Gotz-Welbergen AV, McArthur JW, et al: Delayed menarche and amenorrhea of college athletes in relation to age of onset of training. JAMA 1981 Oct 2;246(14):1559-63

Fritz GK, Bleck EE, Dahl IS: Functional versus organic knee pain in adolescents. A pilot study. Am J Sports Med 1981 Jul-Aug; 9(4):247-9

Froelicher VF see **Watanabe K**

Fukashiro S, Iimoto Y, Kobayashi H, et al: A biomechanical study of the triple jump. Med Sci Sports Exerc 1981;13(4):233-7

Fukuda I, Kiso T, Kawasaki T, et al: Comparative sensitivity evaluation of AVSEP electrocardiographic monitoring check and Master's double 2 step test in patients with ischemic heart disease and arrhythmias. Bull Osaka Med Sch 1980 Jul;26(1):51-7

Fulkerson PK see **Boudoulas H**

Fullerton LR Jr: Knee flexion device. A device for gaining and maintaining knee flexion after manipulation. Am J Sports Med 1981 Sep-Oct;9(5):326

Furkalo NK, Lutai MI, Shlykova NA: Nekotorye pokazateli vnutriserdechnoĭ gemodinamiki i sokratitel'noĭ funktsii miokarda u bol'nykh khronicheskoĭ ishemicheskoĭ bolezn'iu serdtsa. Kardiologiia 1981 Jun;21(6):51-5 (Eng. Abstr.) **(Rus)**

G

Gabbard C, Patterson P, Elledge J: Grip and forearm position effects on tests of static and dynamic upper body endurance. Res Q Exerc Sport 1981 May;52(2):174-9

Gaddis GM see **Martin BJ**

Gaffney FA, Grimby G, Danneskiold-Samsøe B, et al: Adaptation to peripheral muscle training. Scand J Rehabil Med 1981; 13(1):11-6

Gal TJ see **Arora NS**

Galbo H see **Richter EA**

Galetta F see **Mosti GB**

Gallemore SL: Perceptions about the objectives of student teaching. Res Q Exerc Sport 1981 May;52(2):180-90

Ganel A see **Israeli A**

Gannon RP see **Chung DY**

Garcia Tavares ML see **Desai ID**

Garnett R, Stephens JA: Changes in the recruitment threshold of motor units produced by cutaneous stimulation in man. J Physiol (Lond) 1981 Feb;311:463-73

Gasilin VS, Shevchenko OP, Maksumov EIu, et al: Izmeneniia vnutriserdechnoĭ gemodinamiki i tolerantnosti k fizicheskoĭ nagruzke pod vliianiem nitronga u lits, stradaiushchikh ishemicheskoĭ bolezn'iu serdtsa. Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR 1981; 4(1):59-64 (Eng. Abstr.) **(Rus)**

Gass GC, Rogers S, Mitchell R: Blood lactate concentration following maximum exercise in trained subjects. Br J Sports Med 1981 Sep;15(3):172-6

Gass GC see **Davis HA**

Gatz ML see **Shangold MM**

Gavezzi A see **de Servi S**

Gavin JB see **Humphrey SM**

Gebhard K see **Steyer M**

Gee DL, Tappel AL: The effect of exhaustive exercise on expired pentane as a measure of in vivo lipid peroxidation in the rat. Life Sci 1981 May 21;28(21):2425-9

Geizerová H see **Rakická E**

Gerber C, Senn E, Matter P: Skidaumen. Unfallheilkunde 1981 Jun; 84(6):224-8 (Eng. Abstr.) **(Ger)**

Gervais B see **Parhad A**

Getting PA: Mechanisms of pattern generation underlying swimming in Tritonia. I. Neuronal network formed by monosynaptic connections. J Neurophysiol 1981 Jul;46(1):65-79

Gettman LR see **Hagan RD**

Ghilardi P, Tanzi P, Sollecito A, et al: Il test ergometrico in donne con elettrocardiogramma a riposo alterato. G Ital Cardiol 1980; 10(12):1634-80 (Eng. Abstr.) **(Ita)**

Gibbons RW see **Grosack MA**

PHYSICAL FITNESS/SPORTS MEDICINE

Giese MD see **Hagberg JM**
Gijsbers K see **Scott V**
Gilbert E see **Kaplan PE**
Giles TD, Iteld BJ, Quiroz AC, et al: The prolonged effect of pentaerythritol tetranitrate on exercise capacity in stable effort angina pectoris. Chest 1981 Aug;80(2):142-5
Gilliam TB see **Freedson PS**
Gilman SC, Biersner RJ, Mooney LW: A noninvasive technique for monitoring blood urea in humans during hyperbaric exposure. Aviat Space Environ Med 1981 Jul;52(7):392-3
Gimenez M, Salinas W, Servera E, et al: VO2 max during progressive and constant bicycle exercise in sedentary men and women. Eur J Applied Physiol 1981;46(3):237-48
Giraud E see **Lebeau J**
Glaser RM see **Sawka MN**
Gleeson TT, Baldwin KM: Cardiovascular response to treadmill exercise in untrained rats. J Appl Physiol 1981 Jun;50(6):1206-11
Gleeson TT see **Mitchell GS**
Glencross D, Thornton E: Position sense following joint injury. J Sports Med Phys Fitness 1981 Mar;21(1):23-7
Gliner JA see **Mihevic PM**
Godbout P see **Leblanc C**
Godfrey S see **Balfour-Lynn L**
Goldberg J: Jogger's kidney: a case of acquired nephroptosis [letter] N Engl J Med 1981 Sep 3;305(10):590
Goldberg MB, Langman VA, Taylor CR: Panting in dogs: paths of air flow in response to heat and exercise. Respir Physiol 1981 Mar;43(3):327-38
Goldsmith CH see **Helewa A**
Goldstein JE see **Zambraski EJ**
Gomez MA see **Woo SL**
Gommers A, Dehez-Delhaye M, Caucheteux D: Effets prolongés de l'entrainement physique sur le métabolisme du glucose du tissu adipeux et sa sensibilité a l'insuline chez le rat adulte. Diabete Metab 1981 Jun;7(2):121-6 (Eng. Abstr.) **(Fre)**
Gonyea WJ, Marushia SA, Dixon JA: Morphological organization and contractile properties of the wrist flexor muscles in the cat. Anat Rec 1981 Mar;199(3):321-39
Goodman MN see **Aragón JJ**
Gore DR see **Murray MP**
Gorelick PB: Clarification of transient ischemic attack [letter] JAMA 1981 Oct 2;246(14):1548
Gottschalk J see **Kunz J**
Gotz-Welbergen AV see **Frisch RE**
Gowland H see **Burry HC**
Goyeche JR, Ago Y, Ikemi Y: Asthma: The yoga perspective. Part I. The somatopsychic imbalance in asthma: towards a holistic therapy. J Asthma Res 1980 Apr;17(3):111-21
Graboys TB: Celtics fever: playoff-induced ventricular arrhythmia [letter] N Engl J Med 1981 Aug 20;305(8):467-8
Grabski W see **Rożniecki J**
Gracovetsky S, Farfan HF, Lamy C: The mechanism of the lumbar spine. Spine 1981 May-Jun;6(3):249-62
Graham TE: Thermal and glycemic responses during mild exercise in +5 to -15 degrees C environments following alcohol ingestion. Aviat Space Environ Med 1981 Sep;52(9):517-22
Grampp W see **Sigurdsson SB**
Grams H see **Dordel HJ**
Grana WA see **Yates C**
Grassi C, Casali L, Rampulla C, et al: Effect of (dl) 3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2,6-di on exercise-induced bronchospasm. Int J Clin Pharmacol Ther Toxicol 1981 Jul;19(7):297-302
Graus F see **Arbizu T**
Grbic M, Sigwart U, Rivier JL, et al: Effet d'un effort dynamique sur l'hémodynamique du ventricule gauche lors d'une cardiomyopathie obstructive. Schweiz Med Wochenschr 1980 Nov 8;110(45):1692-6 (Eng. Abstr.) **(Fre)**
Greeff K see **Borchard U**
Green BJ: Injuries in rugby [letter] Can Med Assoc J 1980 Sep 6;123(5):348
Green HJ see **Houston ME**
Green MV see **Bonow RO**
Green RL, Kaplan SS, Rabin BS, et al: Immune function in marathon runners. Ann Allergy 1981 Aug;47(2):73-5
Greenberg B see **Alkalay I**
Greenberg HS see **Dewitt LD**
Greenberg PS, Ellestad MH, Berge R, et al: Radionuclide angiographic correlation of the R wave, ejection fraction, and volume responses to upright bicycle exercise. Chest 1981 Oct; 80(4):459-64
Greenberg PS see **Morales-Ballejo H**
Greenberg S see **Delisa JA**
Greene ER see **Loeppky JA**
Greenleaf JE, Sciaraffa D, Shvartz E, et al: Exercise training hypotension: implications for plasma volume, renin, and vasopressin. J Appl Physiol 1981 Aug;51(2):298-305
Greenstein A, Sherman D, Melamed Y: Chokes--favorable response to delayed recompression therapy: a case report. Aviat Space Environ Med 1981 Sep;52(9):558-60
Gresty MA see **Findley LJ**
Grieve DW see **Pheasant ST**
Griffin R see **Mulder JA**
Griffith LS see **Rehn T**
Griffith LS see **Rigo P**
Grillner S, McClellan A, Perret C: Entrainment of the spinal pattern generators for swimming by mechano-sensitive elements in the lamprey spinal cord in vitro. Brain Res 1981 Aug 3;217(2):380-6
Grimby G see **Aniansson A**
Grimby G see **Gaffney FA**
Grimby G see **Hultén B**
Grimby G see **Markhede G**
Grisogono V: The injuries service at the Crystal Palace. Br J Sports Med 1981 Mar;15(1):39-43
Grodins FS see **Bennett FM**
Grosack MA, Gibbons RW, Cohen G: Transcutaneous nerve stimulation: its significance and applications in podiatry. J Foot Surg 1981 Fall;20(3):127-35
Gruber G see **Pietruschka WD**
Guiney TE, Pohost GM, McKusick KA, et al: Differentiation of false- from true-positive ECG responses to exercise stress by thallium 201 perfusion imaging. Chest 1981 Jul;80(1):4-10
Gulotta C see **Banaudi C**
Gurfinkel' VS, Levik IuS: Ekonomichnost' raboty myshts v rezhime zubchatogo tetanusa. Biofizika 1981 Mar-Apr;26(2):371-3 (Eng. Abstr.) **(Rus)**
Gurtner G see **Sylvester JT**

H

Haaz W see **Iskandrian AS**
Haber P see **Renner F**
Hada R see **Harada M**
Haerten K see **Horstkotte D**
Hafner D see **Borchard U**
Hagan RD, Smith MG, Gettman LR: Marathon performance in relation to maximal aerobic power and training indices. Med Sci Sports Exerc 1981;13(3):185-9
Hagberg JM, Mullin JP, Giese MD, et al: Effect of pedaling rate on submaximal exercise responses of competitive cyclists. J Appl Physiol 1981 Aug;51(2):447-51
Hagberg JM see **Ehsani AA**
Hagberg M: Muscular endurance and surface electromyogram in isometric and dynamic exercise. J Appl Physiol 1981 Jul;51(1):1-7
Hagerman FC see **Staron RS**
Hakki AH, Iskandrian AS, Segal BL, et al: Use of exercise thallium scintigraphy to assess extent of ischaemic myocardium in patients with left anterior descending artery disease. Br Heart J 1981 Jun; 45(6):703-9
Hakki AH see **Iskandrian AS**
Halbert DR see **Demers LM**
Hale RW, Mitchell W: Football injuries in Hawaii 1979. Hawaii Med J 1981;40(7):180-2
Halkjaer-Kristensen J see **Ingemann-Hansen T**
Halskov O see **Ingemann-Hansen T**
Hamerly B see **Rubal BJ**
Hammer A, Schwartzbach AL, Paulev PE: Trampoline training injuries--one hundred and ninety-five cases. Br J Sports Med 1981 Sep;15(3):151-8
Handa H see **Moritake K**
Hanel DP, Burdge RE: Consecutive indirect patella fractures in an adolescent basketball player. A case report. Am J Sports Med 1981 Sep-Oct;9(5):327-9
Hang YS: Tardy ulnar neuritis in a little league baseball player. Am J Sports Med 1981 Jul-Aug;9(4):244-6
Hanks GA, Joyner DM, Kalenak A: Anterolateral rotatory instability of the knee. An analysis of the Ellison procedure. Am J Sports Med 1981 Jul-Aug;9(4):225-32
Hanley JM see **Zimmermann GN**
Hänninen O see **Pääkkönen M**
Harada M, Sugiyama Y, Hada R, et al: [In-vitro motility studies on the strips of the canine gallbladder (author's transl)] Nippon Heikatsukin Gakkai Zasshi 1980 Mar;16(1):1-6 (Eng. Abstr.) **(Jpn)**
Haralambie G see **Schmidtbleicher D**
Harjola PT see **Frick MH**
Harrison PJ, Taylor A: Individual excitatory post-synaptic potentials due to muscle spindle Ia afferents in cat triceps surae motoneurones. J Physiol (Lond) 1981 Mar;312:455-70
Harrison TS see **Demers LM**
Harshfield G see **Pickering T**
Hartley JP, Charles TJ, Monie RD, et al: Arterial plasma histamine after exercise in normal individuals an in patients with exercise-induced asthma. Clin Sci 1981 Aug;61(2):151-7
Hartling OJ, Svendsen TL, Trap-Jensen J: Haemodynamic and metabolic effects of combined adrenergic alpha- and beta-receptor blockade with labetalol in the exercising human forearm. Eur J Clin Invest 1980 Dec;10(6):431-5
Hartmann B, Reum J: Studie zum Gesundheitszustand von

PHYSICAL FITNESS/SPORTS MEDICINE

jungendlichen Lehrlingen verschiedener Berufsgruppen. Z Gesamte Hyg 1981;27(1):69–72 (Eng. Abstr.) **(Ger)**

Hartung GH, Farge EJ, Mitchell RE: Effects of marathon running, jogging, and diet on coronary risk factors in middle-aged men. Prev Med 1981 May;10(3):316–23

Hasegawa Y see **Sato I**

Hatze H: Estimation of myodynamic parameter values from observations on isometrically contracting muscle groups. Eur J Applied Physiol 1981;46(4):325–38

Havelin LI, Kapstad LO: Muskelløsning ved epicondylitis lateralis humeri. Tidsskr Nor Laegeforen 1981 May;101(15):954–5 (Eng. Abstr.) **(Nor)**

Haw DW: Avulsion fracture of the medical epicondyle of the elbow in a young javelin thrower. Br J Sports Med 1981 Mar;15(1):47

Hay DR see **Beaglehole R**

Hayward MG see **Keatinge WR**

Heath GW see **Ehsani AA**

Hecht LH see **Wells CL**

Heidenreich J see **Steyer M**

Hejl Z see **Rakická E**

Helewa A, Goldsmith CH, Smythe HA: The modified sphygmomanometer-an instrument to measure muscle strength: a validation study. J Chronic Dis 1981;34(7):353–61

Hellerer O see **Falter EW**

Hemberger JA see **McGraw BF**

Henderson DA see **Morgan EJ**

Henry JA, Iliopoulou A, Kaye CM, et al: Changes in plasma concentrations of acebutolol, propranolol and indomethacin during physical exercise. Life Sci 1981 Apr 27;28(17):1925–9

Henschel EO see **Reynolds AC**

Herrmann U Jr, Howald H, Herrmann U Sr: Energiestoffwechsel im nichtgraviden und graviden myometrium. Schweiz Z Sportmed 1981 Jun;29(2):53–9 (Eng. Abstr.) **(Ger)**

Herrmann U Sr see **Herrmann U Jr**

Hervey GR, Knibbs AV, Burkinshaw L, et al: Effects of methandienone on the performance and body composition of men undergoing athletic training. Clin Sci 1981 Apr;60(4):457–61

Herzer JA see **Horstkotte D**

Hesse B, Kanstrup IL, Christensen NJ, et al: Reduced norepinephrine response to dynamic exercise in human subjects during O2 breathing. J Appl Physiol 1981 Jul;51(1):176–8

Hesser CM, Linnarsson D, Fagraeus L: Pulmonary mechanisms and work of breathing at maximal ventilation and raised air pressure. J Appl Physiol 1981 Apr;50(4):747–53

Hester K see **Williams BJ**

Heyworth MR see **Sutherland WH**

Hickson RC, Davis JR: Partial prevention of glucocorticoid-induced muscle atrophy by endurance training. Am J Physiol 1981 Sep;241(3):E226–32

Hickson RC, Rosenkoetter MA: Separate turnover of cytochrome c and myoglobin in the red types of skeletal muscle. Am J Physiol 1981 Sep;241(3):C140–4

Hikida RS see **Staron RS**

Hilal A see **Silke B**

Hill JA, Lombardo SJ, Kerlan RK, et al: The modification Bristow-Helfet procedure for recurrent anterior shoulder subluxations and dislocations. Am J Sports Med 1981 Sep-Oct;9(5):283–7

Hill JA, Lombardo SJ: Ankylosing spondylitis presenting as shoulder pain in an athlete. A case report. Am J Sports Med 1981 Jul-Aug;9(4):262–4

Hilpert P see **Bienmüller H**

Hindman MC see **Slosky DA**

Hirsch PJ, Hirsch SA, Reedman L, et al: Preparticipation evaluation for school athletic programs. J Med Soc NJ 1981 Aug;78(9):585–90

Hirsch SA see **Hirsch PJ**

Hlaváček V see **Novák J**

Hobbs DS, Frederiksen DW: Physical and enzymatic properties of myosin from porcine brain. Biophys J 1980 Nov;32(2):705–18

Hockaday JM see **Land JM**

Hoekenga DE see **Loeppky JA**

Hogg J see **Moss SC**

Hollander AP see **Wieling W**

Holmes EM 3d see **Russell JA**

Holst JJ see **Richter EA**

Hope RA see **Bangham CR**

Hopf HC see **Maurer K**

Hör G, Kanemoto N: 201Tl-myocardial scintigraphy: current status in coronary artery disease, results of sensitivity/specificity in 3092 patients and clinical recommendations. Nuklearmedizin 1981 Jun;20(3):136–47

Horgan JH, O'Callaghan WG, Teo KK: Therapy of angina pectoris with low-dose perhexiline. J Cardiovasc Pharmacol 1981 May-Jun;3(3):566–72

Hori S see **Mitamura H**

Horike M see **Koenig JQ**

Horoszowski H see **Israeli A**

Horstkotte D, Haerten K, Herzer JA, et al: Preliminary results in mitral valve replacement with St. Jude medical prosthesis: comparison with the Björk-Shiley valve. Circulation 1981 Aug;64(2 Pt 2):203–9

Horton ES see **Bogardus C**

Horvath SM see **Mihevic PM**

Horvath SM see **Miles DS**

Hoshino T see **Togawa K**

Hosler WW see **Morrow JR Jr**

Hossack KF, Bruce RA, Kusumi F: Altered exercise ventilatory responses by apparent propranolol-diminished glucose metabolism: implications concerning impaired physical training benefit in coronary patients. Am Heart J 1981 Sep;102(3 Pt 1):378–82

Hossack KF, Bruce RA, Kusumi F: Comprehensive analysis of exertional ECG changes before and after oral propranolol. Clin Cardiol 1979 Aug;2(4):272–80

Houston ME, Wilson DM, Green HJ, et al: Physiological and muscle enzyme adaptations to two different intensities of swim training. Eur J Applied Physiol 1981;46(3):283–91

Howald H, Meyenberg A, Neuenschwander C, et al: Körperliche Aktivität und Leistungsfähigkeit in vier Schweizer Städten. Schweiz Med Wochenschr [Suppl] 1981;12:suppl 47–55 (Eng. Abstr.) **(Ger)**

Howald H see **Herrmann U Jr**

Howald H see **Pfister B**

Howe WB: Exercise and amenorrhea [letter] Am Fam Physician 1981 Aug;24(2):41

Howell DW see **Irwin DH**

Hubbard M: Dynamics of the pole vault. J Biomech 1980;13(11):965–76

Hubbard RW, Mager M, Bowers WD, et al: Effect of low-potassium diet on rat exercise hyperthermia and heatstroke mortality. J Appl Physiol 1981 Jul;51(1):8–13

Hudec I see **Kolesár J**

Hudetz AG, Márk G, Kovách AG, et al: The effect of smooth muscle activation on the mechanical properties of pig carotid arteries. Acta Physiol Acad Sci Hung 1980;56(3):263–73

Hughes JT see **Land JM**

Hull DH, Wolthius RA, Fischer JR, et al: Identifying borderline hypertensives: comparative value of various blood pressure measurements. Aviat Space Environ Med 1981 Jul;52(7):399–403

Hull ML, Allen KW: Design of an actively controlled snow ski release binding. J Biomech Eng 1981 Aug;103(3):138–45

Hultén B, Renström P, Grimby G: Glycogen-depletion patterns with isometric and isokinetic exercise in patients after leg injury. Clin Sci 1981 Jul;61(1):35–42

Humphrey SM, Thomson RW, Gavin JB: The effect of an isovolumic left ventricle on the coronary vascular competence during reflow after global ischemia in the rat heart. Circ Res 1981 Sep;49(3):784–91

Hundemer W: Die transmalleoläre Fixationsnaht zur Behebung der Peroneussehnenscheidenverrenkung. Unfallheilkunde 1981 Jun;84(6):237–9 (Eng. Abstr.) **(Ger)**

Hung JS see **Wu D**

Hunter LY: Stress fracture of the tarsal navicular. More frequent than we realize? Am J Sports Med 1981 Jul-Aug;9(4):217–9

Hutchins GL, Malpass JR: Development and standardization of the new American Corrective Therapy Association certification examination. Am Correct Ther J 1981 Jul-Aug;35(4):96–9

I

Iaroshenko IuT see **Kotko DN**

Iimoto Y see **Fukashiro S**

Ikemi Y see **Goyeche JR**

Iliopoulou A see **Henry JA**

Ingemann-Hansen T, Bundgaard A, Halkjaer-Kristensen J, et al: Maximal oxygen consumption rate in patients with bronchial asthma-the effect of beta 2-adrenoreceptor stimulation. Scand J Clin Lab Invest 1980 Apr;40(2):99–104

Ingemann-Hansen T, Halkjaer-Kristensen J, Halskov O: Skeletal muscle phosphagen and lactate concentrations in ischaemic dynamic exercise. Eur J Applied Physiol 1981;46(3):261–70

Ingram JM: The bicycle seat stool in the treatment of vaginal agenesis and stenosis: a preliminary report. Am J Obstet Gynecol 1981 Aug 15;140(8):867–73

Irwin DH, Howell DW: Some thoughts on swimming horses in a pool. J S Afr Vet Assoc 1980 Sep;51(3):189–91

Isaev GG see **Breslav IS**

Iskandrian AS, Haaz W, Segal BL, et al: Exercise thallium 201 scintigraphy in evaluating aortocoronary bypass surgery. Chest 1981 Jul;80(1):11–5

Iskandrian AS, Segal BL: Value of exercise thallium-201 imaging in patients with diagnostic and nondiagnostic exercise electrocardiograms. Am J Cardiol 1981 Aug;48(2):233–8

Iskandrian AS, Klein BL, Segal BL, et al: Coronary artery disease confined to secondary branches of the left coronary system. Clin Cardiol 1981 May;4(3):130–3

Iskandrian AS, Hakki AH, Kane SA, et al: Quantitative radionuclide angiography in assessment of hemodynamic changes during upright exercise: observations in normal subjects, patient with coronary artery disease and patients with aortic regurgitation. Am J Cardiol 1981 Aug;48(2):239–46

Iskandrian AS see **Hakki AH**

Ismail MB: Intérêt des épreuves d'effort dans le diagnostic de l'insuffisance coronarienne. Tunis Med 1981 Mar–Apr; 59(2):125–8 (Eng. Abstr.) **(Fre)**

Israeli A, Ganel A, Engel J: Post traumatic ligamentous instability of the wrist. Br J Sports Med 1981 Mar;15(1):17–9

Israeli A, Ganel A, Horoszowski H, et al: Traumatic osteochondral lesions of the talus. Br J Sports Med 1981 Sep;15(3):159–62

Itcld BJ see **Giles TD**

Ivan LP see **Lapner M**

Ivanitskaia VV see **Kondalenko VF**

Izdebski K see **Shipp T**

J

Jackson A, Dishman RK, La Croix S, et al: The heart rate, perceived exertion, and pace of the 1.5 mile run. Med Sci Sports Exerc 1981;13(4):224–8

Jackson A see **Patton RW**

Jackson AA see **Waterlow JC**

Jackson DW: Women's gymnastics. A significant rule change. Am J Sports Med 1981 Sep–Oct;9(5):345–6

Jackson DW, Wiltse LL, Dingeman RD, et al: Stress reactions involving the pars interarticularis in young athletes. Am J Sports Med 1981 Sep–Oct;9(5):304–12

Jackson DW see **Koch RA**

Jacobs BF, Bracey TG: Exercise as therapy in cardiac rehabilitation. J La State Med Soc 1981 Apr;133(4):52–4

Jacobs JC, Dick HM, Downey JA, et al: Weight bearing as a treatment for damaged hips in juvenile rheumatoid arthritis [letter] N Engl J Med 1981 Aug 13;305(7):409

James WP see **Jung RT**

Jammes Y, Mathiot MJ, Roll JP, et al: Ventilatory responses to muscular vibrations in healthy humans. J Appl Physiol 1981 Aug; 51(2):262–9

Jampol LM, Fleischman JA: Central retinal–vein occlusion five days after a marathon [letter] N Engl J Med 1981 Sep 24; 305(13):764

Janis RA, Diamond J: Relationship between contraction and cyclic GMP levels of guinea pig taenia coli. Eur J Pharmacol 1981 Mar 12;70(2):149–56

Janota M: Pracovni elektrokardiografický test ve vnitřním lékařstvi Vnitr Lek 1981 Aug;27(8):750–7 (Eng. Abstr.) **(Cze)**

Janssens WJ see **Vanhoutte PM**

Jansson E: Diet and muscle metabolism in man with reference to fat and carbohydrate utilization and its regulation. Acta Physiol Scand [Suppl] 1980;487:1–24

Jarrett RJ: Exercise and diabetes [letter] Diabetologia 1981 Jul; 21(1):74

Jeffery RW see **Coates TJ**

Jehle J, Lösse B, Spiller P, et al: Aussagekraft von Belastungsuntersuchungen zur Beurteilung des Therapieerfolges nach koronarer Revaskularisation. Z Kardiol 1981 May; 70(5):364–70 (Eng. Abstr.) **(Ger)**

Jekov S see **Chadli A**

Jellinek EH see **Martyn C**

Jensen JI, Lyager S, Pedersen OF: The relationship between maximal ventilation, breathing pattern and mechanical limitation of ventilation. J Physiol (Lond) 1980 Dec;309:521–32

Jensen RK: The effect of a 12–month growth period on the body moments of inertia of children. Med Sci Sports Exerc 1981; 13(4):238–42

Joesting J: Running and depression. Percept Mot Skills 1981 Apr; 51(2):443–51

Johnson D see **Rather RJ**

Johnson JM, Park MK: Effect of upright exercise on threshold for cutaneous vasodilation and sweating. J Appl Physiol 1981 Apr;50(4):814–8

Johnson JR: Re: exercise lowers thyroid radioiodine uptake: concise communication [letter] J Nucl Med 1981 Sep;22(9):834–5

Johnson LL, Cabot CF, McCarthy DM, et al: Comparison of two radionuclide techniques for detecting disease of right and left coronary arteries. Herz 1981 Jun;6(3):166–77

Johnson RJ see **Pope MH**

Johnson SM, Mauritson DR, Corbett JR, et al: Double–blind, randomized, placebo–controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris. Am J Med 1981 Sep;71(3):443–51

Johnston GA see **Skerritt JH**

Johnston RK see **Snyder RB**

Jókai I, Kiss G, Simonka JA: A clavicula mediális elülsö ficamának kezelése. Magy Traumatol Orthop Helyreallito Sebesz 1980; 23(2):118–22 (Eng. Abstr.) **(Hun)**

Jókai I, Dósa G, Endrödi J, et al: Szakításos mechanizmus alapján létrejött epiphyseolysisek a sípcsont felsö végén. Magy Traumatol Orthop Helyreallito Sebesz 1981;24(1):28–32 (Eng. Abstr.) **(Hun)**

Jokl P see **Rudicel S**

Jonasson R, Landou C, Orinius E: Exercise electrocardiogram in patients with normal and abnormal coronary arteriogram. Scand J Clin Lab Invest 1980;40(8):775–82

Jonathan A see **Fox KM**

Jones C: The People's March for Jobs: blisters, bruises and bravery. Nurs Mirror 1981 Aug 5;153(6):26–8

Jones CE, Mayer LR, Smith EE, et al: Relaxation of the isolated coronary artery by inosine: noninvolvement of the adenosine receptor. J Cardiovasc Pharmacol 1981 May–Jun;3(3):612–21

Jones DC see **Ostrow AC**

Jones DM, Lewis R: Effects of structured relaxation on retrieval from long term storage: an EMG study. Biol Psychol 1980 Aug; 11(1):37–44

Jones NL see **Sutton JR**

Jones RH, McEwan P, Newman GE, et al: Accuracy of diagnosis of coronary artery disease by radionuclide management of left ventricular function during rest and exercise. Circulation 1981 Sep;64(3):586–601

Jørgensen U: Skademønstret i dansk divisionsfodbold. Ugeskr Laeger 1981;143(34):2185–8 (Eng. Abstr.) **(Dan)**

Josephson S: Scuba diving hazards: health counseling. Am J Nurs 1981 Aug;81(8):1458–61

Joyner DM see **Hanks GA**

Juchmes J see **Scheen A**

Judge MD, Reeves ES, Aberle ED: Effect of electrical stimulation on thermal shrinkage temperature of bovine muscle collagen. J Anim Sci 1981 Mar;52(3):530–4

Jung RT, James WP: Obesity: is obesity metabolic? Br J Hosp Med 1980 Dec;24(6):503–9

Junier N, Spiessl B: Support mécanique permettant la charge fonctionnelle du maxillaire inférieur. Rev Stomatol Chir Maxillofac 1981;82(4):265–72 (Eng. Abstr.) **(Fre)**

Just H see **Löllgen H**

K

Kalenak A see **Hanks GA**

Kalinskiĭ MI, Zemtsova II, Kurskiĭ MD, et al: Vliianie trenirovki i fizicheskoi nagruzki na soderzhanie 3':5'–AMP i aktivnost fermentov ego ovmena v myshtsakh krys. Ukr Biokhim Zh 1980 Sep–Oct;52(5):611–3 (Eng. Abstr.) **(Rus)**

Kalinskiĭ MI, Kurskiĭ V, Zemtsova II, et al: Izmenenie nekotorykh svoistv 3':5'–AMP–zavisimykh proteinkinaz skeletnykh myshts krys pri trenirovke fizicheskimi nagruzkami. Biokhimiia 1981 Jan; 46(1):120–5 (Eng. Abstr.) **(Rus)**

Kamei S see **Murase Y**

Kamen G, Kroll W, Zigon ST: Exercise effects upon reflex time components in weight lifters and distance runners. Med Sci Sports Exerc 1981;13(3):198–204

Kamon E see **Deno NS**

Kanaev NN, Klement RF, Kiriakina GK, et al: Mekhanika dykhaniia pri fizicheskoĭ nagruzke u bol'nykh s nespetsificheskoi patologieĭ legkikh. Ter Arkh 1981;53(3):96–8 (Eng. Abstr.) **(Rus)**

Kane SA see **Iskandrian AS**

Kanemoto N see **Hör G**

Kansal DK, Verma SK, Sidhu LS: Improvisation of a simple device in measuring the anaerobic power of Indian male and female athletes. Br J Sports Med 1981 Jun;15(2):136–40

Kanstrup IL see **Hesse B**

Kaplan CJ see **DiVincenzo GD**

Kaplan NM: Non–drug treatment of hypertension. Aust NZ J Med 1981;11(Suppl 1):73–5

Kaplan PE, Roden W, Gilbert E, et al: Reduction of hypercalciuria in tetraplegia after weight–bearing and strengthening exercises. Paraplegia 1981;19(5):289–93

Kaplan SS see **Green RL**

Kappenberger L, Turina M, Babotai J, et al: Differenzierte Schrittmacherbehandlung. Schweiz Med Wochenschr 1981 Jan 10;111(2):45–8 (Eng. Abstr.) **(Ger)**

Kapstad LO see **Havelin LI**

Karimeddini MK, Smith VE: Abnormal false–positive response of exercise ejection fraction due to the ROI: fixed compared with variable [letter] J Nucl Med 1981 Aug;22(8):749–50

Kastelic J, Baer E: Deformation in tendon collagen. Symp Soc Exp Biol 1980;34:397–435

Katch V see **Weltman A**

Katch VL, Villanacci JF, Sady SP: Energy cost of rebound–running. Res Q Exerc Sport 1981 May;52(2):269–72

Katch VL see **Sady SP**

Katkovskii BS, Buzulina VP, Pometov YuD: Hemodynamics in healthy subjects during moderate physical exertion in the lying and sitting positions. Hum Physiol 1980 Nov–Dec;6(6):407–10

Katz JF: Nonarticular osteochondroses. Clin Orthop 1981 Jul–Aug; (158):70–6

Kaufmann DA see **Kunz H**

Kavanagh T see **Shephard RJ**

PHYSICAL FITNESS/SPORTS MEDICINE

Kavtaradze VG see **Kvantaliani TG**

Kawai M, Cox RN, Brandt PW: Effect of Ca ion concentration on cross-bridge kinetics in rabbit psoas fibers. Evidence for the presence of two Ca-activated states of thin filament. Biophys J 1981 Aug;35(2):375-84

Kawasaki T see **Fukuda I**

Kaye CM see **Henry JA**

Kazarian L see **Engin AE**

Keagy BA, Pharr WF, Thomas D, et al: Comparison of reactive hyperemia and treadmill tests in the evaluation of peripheral vascular disease. Am J Surg 1981 Jul;142(1):158-61

Keatinge WR, Hayward MG: Sudden Death in cold water and ventricular arrhythmia. J Forensic Sci 1981 Jul;26(3):459-61

Kegel B, Burgess EM, Starr TW, et al: Effects of isometric muscle training on residual limb volume, strength, and gait of below-knee amputees. Phys Ther 1981 Oct;61(10):1419-26

Kelmer U see **Bauer A**

Keis GD see **Petrova RM**

Kelemen J see **Cserháti E**

Keller DJ see **Russell JA**

Keniham MA, Oaks BW, Soft tissue injury rehabilitation: isokinetics, a new concept. Aust Fam Physician 1981 Jul;10(7 Suppl):17-20

Kennedy J see **Shephard RJ**

Keren G, Epstein Y: The effect of pure aerobic training on aerobic and anaerobic capacity. Br J Sports Med 1981 Mar;15(1):27-9

Keren G, Epstein Y, Magazanik A, et al: The energy cost of walking and running with and without a backpack load. Eur J Applied Physiol 1981;46(3):317-24

Keren G, Shoenfeld Y: Sudden death and physical exertion. J Sports Med Phys Fitness 1981 Mar;21(1):90-3

Keret D see **Zinman H**

Kerlan RK see **Hill JA**

Kerrebiju KF see **Neijens HJ**

Keul J see **Berg A**

Keul J see **Lehmann M**

Kewalramani LS, Krauss JF: Cervical spine injuries resulting from collision sports. Paraplegia 1981;19(5):303-12

Khafizov RM see **Shevchenko OP**

Khan AR, Wohlfart B: Effects of diethyl-stilboestrol on contractile response and action potential of rabbit papillary muscle. Acta Physiol Scand 1981 Feb;111(2):201-4

Kikuchi Y see **Ohkoshi K**

Kilgore DL Jr, Birchard GF, Boggs DF: Brain temperatures in running quail. J Appl Physiol 1981 Jun;50(6):1277-81

Kilgour RD see **Bonen A**

Kim SW, Tan EC, Cohen EL: The role of conservative treatment in blunt ureteral trauma: case report. Milit Med 1981 Jul; 146(7):516-7, 520

Kimmel'man Ila see **Markhasin VS**

Kimura T see **Abé H**

Kinasewitz GT see **Weber KT**

Kindermann W, Schmitt WM, Biro G, et al: Metabolismus und hormonelles Verhalten bei Körperarbeit unter akuter Beta 1-Sympathikolyse. Z Kardiol 1981 May;70(5):406-12 (Eng. Abstr.) **(Ger)**

King AG, Blundell-Jones G: A surgical procedure for the Osgood-Schlatter lesion. Am J Sports Med 1981 Jul-Aug; 9(4):250-3

King JB: Financing a sports injuries service. Br J Sports Med 1981 Mar;15(1):46

King K: Teaching physical fitness: an action approach. Health Educ (Wash) 1981 Jan-Feb;12(1):34

Kiriakina GK see **Kanaev NN**

Kirk RF see **Baker ER**

Kirschbaum TH see **Nemiroff MJ**

Kiser DM see **Deno NS**

Kishihara C: [Changes of locomotor activities, lipid peroxide levels and their related enzyme activities in rat loaded with swimming exercise (author's transl)] Hokkaido Igaku Zasshi 1980 Nov; 55(6):575-85 (Eng. Abstr.) **(Jpn)**

Kiso T see **Fukuda I**

Kiss G see **Jókai I**

Kitada Y, Miyauchi T, Satoh A, et al: Effects of antidepressants in the rat forced swimming test. Eur J Pharmacol 1981 Jun 19; 72(2-3):145-52

Kitamura S see **Nakano S**

Kizer KW: The role of computed tomography in the management of dysbaric diving accidents. Radiology 1981 Sep;140(3):705-7

Klein BL see **Iskandrian AS**

Kleinert H see **Pickering T**

Kleinfeld F: 'Kinetec 3040'—ein neuartiges elektromotorisches Übungsgerät zur Nachbehandlung von Verletzungen der unteren Extremitäten. Aktuel Traumatol 1980 Dec;10(6):303-6 (Eng. Abstr.) **(Ger)**

Kleinfeld M see **Rozanski JJ**

Klement RF see **Kanaev NN**

Klemt P, Peiper U, Speden RN, et al: The kinetics of post-vibration tension recovery of the isolated rat portal vein. J Physiol (Lond) 1981 Mar;312:281-96

Klepzig H Jr, Scherer D, Kober G, et al: Funktionsverbesserung nach transluminaler koronarer Angioplastik (TCA). Herz 1981 Aug;6(4):252-8 (Eng. Abstr.) **(Ger)**

Kniazeva TA, Aslibekian IS: Sostoianie kardiorespiratornoĭ sistemy u bol'nykh renovaskuliarnoĭ gipertonieĭ v dinamike posle operativnogo lecheniia i fizicheskoĭ reabilitatsii. Kardiologiia 1981;21(7):87-92 (Eng. Abstr.) **(Rus)**

Knibbs AV see **Hervey GR**

Kobayashi H see **Fukashiro S**

Kobayashi K see **Murase Y**

Kober G see **Klepzig H Jr**

Koch RA, Jackson DW: Juxtaarticular hemangioma of the knee associated with a medial synovial plica. A case report. Am J Sports Med 1981 Jul-Aug;9(4):265-7

Kochetkov AG see **Sorokin AP**

Kochetov AG see **Sorokin AP**

Koenig JQ, Pierson WE, Horike M, et al: Effects of SO2 plus NaCl aerosol combined with moderate exercise on pulmonary function in asthmatic adolescents. Environ Res 1981 Aug; 25(2):340-8

Kogan BM see **Buianov VM**

Koivisto VA see **Fortney SM**

Kolesár J, Eisner J, Hudec I, et al: Zmeny venóznej prímesi malého obehu vzávislosti od nadmorskej výšky a zátaže u pacientov s prieduškovou astmou. Bratisl Lek Listy 1981;75(4):446-53 (Eng. Abstr.) **(Slo)**

Koltschev HB see **Tantschev KS**

Komi PV see **Eloranta V**

Kon H: [A study on the mechanical properties of bone cement (methylmethacrylate) and its strength alteration in vivo (author's transl)] Nippon Seikeigeka Gakkai Zasshi 1981 Jan;55(1):71-83 (Eng. Abstr.) **(Jpn)**

Kondalenko VF, Sergeev IuP, Ivanitskaia VV: Elektronno-mikroskopichesko issledovanie proiavlenii giperplazii myshechnykh volokon skeletnykh myshts sportsmenov. Arkh Anat Gistol Embriol 1981 Jun;80(6):66-70 (Eng. Abstr.) **(Rus)**

König K, Lutzki P: Zur Problematik der beruflichen Eingliederung von Epileptikern. Z Gesamte Hyg 1981;27(2):144-7 (Eng. Abstr.) **(Ger)**

Konno A see **Togawa K**

Korhonen UR, Koskinen M, Linnaluoto M, et al: Cardiovascular responses to static and dynamic effort three weeks after myocardial infarction. Ann Clin Res 1980 Aug;12(4):145-51

Korhonen UR: Dynamic and static exercise haemodynamics after acute myocardial infarction. Ann Clin Res 1980 Aug;12(4):152-9

Korkushko OV, Kovalenko AN: Osobennosti reaktsii fibrinoliticheskoĭ sistemy krovi na fizicheskuiu nagruzku u zdorovykh liudeĭ i bol'nykh ishemicheskoĭ bolezn'iu serdtsa pozhilogo vozrasta. Kardiologiia 1981 Apr;21(4):29-33 (Eng. Abstr.) **(Rus)**

Kornitzer M see **De Backer G**

Korsten-Reck U see **Bachl N**

Kosenko EA: Sravnitel'noe issledovanie énergeticheskogo obmena v pecheni i skeletnoĭ myshtse krysy i krolika. Vliianie golodaniia. Biokhimiia 1981;46(8):1389-95 (Eng. Abstr.) **(Rus)**

Koskinen M see **Korhonen UR**

Kostre WM see **Apor P**

Kotko DN, Fed'ko GP, Iaroshenko IuT: Znachenie obzidana v povyshenii tolerantnosti k fizicheskoĭ nagruzke u bol'nykh ishemicheskoi bolezn'iu serdtsa pozhilogo vozrasta. Ter Arkh 1980;52(8):22-5 (Eng. Abstr.) **(Rus)**

Kottke FJ see **Bilkey WJ**

Kottke TE see **Puska P**

Kou HC see **Wu D**

Kovách AG see **Hudetz AG**

Kovalenko AN see **Korkushko OV**

Kowalski ML see **Rożniecki J**

Koziorowska M see **Ogielska E**

Krackow KA, Vetter WL: Knee motion in a long leg cast. Am J Sports Med 1981 Jul-Aug;9(4):233-9

Krahenbuhl GS see **Wells CL**

Kramer H, Rehfeldt H, Mucke R: Einige arbeitsphysiologische Aspekte der Herz-Kreislaufreaktionen bei statischer Muskelarbeit. Z Gesamte Hyg 1981;27(1):34-8 (Eng. Abstr.) **(Ger)**

Krasnikov NP: Vliianie fizicheskikh trenirovok na vyrazhennost' reaktsiĭ pri dykhanii gazovoĭ smes'iu, soderzhashcheĭ 5% CO2 i 14% O2. Kosm Biol Aviakosm Med 1981 Jun-Jul;15(4):33-5 (Eng. Abstr.) **(Rus)**

Kraus F, Rudolph W: Hämodynamische Untersuchungen bei Patienten mit künstlicher Aorten- oder Mitralklappe auf verschiedenen Belastungsstufen. Herz 1981 Jun;6(3):138-47 (Eng. Abstr.) **(Ger)**

Kraus F, Dacian S, Rudolph W: Bedeutung von Steady-state-Verhalten und Frequenzanstieg unter Belastung zur Erkennung einer pathologischen Hämodynamik bei Patienten mit künstlicher Aorten- oder Mitralklappe. Herz 1981 Aug; 6(4):237-46 (Eng. Abstr.) **(Ger)**

Krause KH, Berlit P: Elekroneurographische Befunds bei der

Radfahrerlähmung. EEG EMG 1981 Jun;12(2):90–3 (Eng. Abstr.) **(Ger)**

Krause M see **Bergert KD**

Krauss JF see **Kewalramani LS**

Krishchuk AA see **Vinnitskiĭ AR**

Kroll W, Clarkson PM, Melchionda AM, et al: Isometric knee extension and plantar flexion muscle fatigue and fiber type composition in female distance runners. Res Q Exerc Sport 1981 May;52(2):200–7

Kroll W see **Kamen G**

Krotkiewski M, Toss L, Björntorp P, et al: The effect of a very-low-calorie diet with and without chronic exercise on thyroid and sex hormones, plasma proteins, oxygen uptake, insulin and c peptide concentrations in obese women. Int J Obes 1981;5(3):287–93

Kruse I, Rydén L: Comparison of physical work capacity and systolic time intervals with ventricular inhibited and atrial synchronous ventricular inhibited pacing. Br Heart J 1981 Aug; 46(2):129–36

Kubín Z see **Smíd J**

Kučera M see **Smíd J**

Kuehn LA: Implications of athlete's bradycardia on lifespan. J Theor Biol 1981 Jan 21;88(2):279–86

Kukulka CG, Clamann HP: Comparison of the recruitment and discharge properties of motor units in human brachial biceps and adductor pollicis during isometric contractions. Brain Res 1981 Aug 24;219(1):45–55

Kunkler JR see **MacIntyre NR**

Kunz H, Kaufmann DA: Biomechanical analysis of sprinting: decathletes versus champions. Br J Sports Med 1981 Sep; 15(3):177–81

Kunz J, Braselmann H, Gottschalk J, et al: The myocardial collagenous connective tissue in experimental cardiac hypertrophy induced by swimming exercise and hypertension. Exp Pathol 1981;19(4):206–18

Kurganov BI see **Chebotareva NA**

Kurskiĭ MD see **Kalinskiĭ MI**

Kurskiĭ V see **Kalinskiĭ MI**

Kusumi F see **Hossack KF**

Kvantaliani TG, Kavtaradze VG, Mamaladze GT: Kompleksnoe primenenie psikhologicheskogo i fizicheskogo nagruzochnykh testov v diagnostike ishemicheskoi bolezni serdtsa. Kardiologiia 1981 Jun;21(6):68–71 (Eng. Abstr.) **(Rus)**

Kwiatkowski SR see **Dolmierski R**

L

La Croix S see **Jackson A**

Labadarios D, Rossouw JE: Wanvoeding in drie hospitaalbevolkings. S Afr Med J 1981 Aug 1;60(5):213–6 (Eng. Abstr.) **(Afr)**

Lachapelle JM see **Tennstedt D**

Lacombe G, Van Thiem N, Swynghedauw B: Modification of myosin subfragment 1 by carbodiimide in the presence of a nucleophile. Effect on adenosinetriphosphatase activities. Biochemistry 1981 Jun 9;20(12):3648–53

LaFontaine TP, Londeree BR, Spath WK: The maximal steady state versus selected running events. Med Sci Sports Exerc 1981; 13(3):190–3

LaGrange BM see **Bogardus C**

Lai JS see **Lien IN**

Lamont LS: Pressure-volume overload hypothesis: can it be supported? [letter] Am J Cardiol 1981 Aug;48(2):390–1

Lamy C see **Gracovetsky S**

Land JM, Hockaday JM, Hughes JT, et al: Childhood mitochondrial myopathy with ophthalmoplegia. J Neurol Sci 1981 Sep;51(3):371–82

Landou C see **Jonasson R**

Lang E: Präklinische therapeutische Massnahmen im Alter. Ther Umsch 1981 Jan;38(1):8–13 (Eng. Abstr.) **(Ger)**

Langman VA see **Goldberg MB**

Lanni F, Taylor DL, Ware BR: Fluorescence photobleaching recovery in solutions of labeled actin. Biophys J 1981 Aug; 35(2):351–64

Lapner M, Ivan LP: Bicycle injuries among children [editorial] Can Med Assoc J 1981 Jul 15;125(2):132

Larson CR, Smith A, Luschei ES: Discharge characteristics and stretch sensitivity of jaw muscle afferents in the monkey during controlled isometric bites. J Neurophysiol 1981 Jul;46(1):130–42

Lassalle JM, Le Pape G: Differential effects of the albino gene on behavior according to task, level of inbreeding, and genetic background. J Comp Physiol Psychol 1981 Aug;95(4):655–62

Lau FY see **Bornheimer JF**

Laubach LL see **Sawka MN**

Läuter J see **Priebe U**

Lavoie JM, Taylor AW, Montpetit RR: Physiological effects of training in elite swimmers as measured by a free swimming test. J Sports Med Phys Fitness 1981 Mar;21(1):38–42

Layton CA see **Clitsakis D**

Lazzari M see **Brunelli C**

Le Pape G see **Lassalle JM**

Lebeau J, Giraud E, Raphael B, et al: Originalités de l'urgence maxillo-faciale en traumatologie alpine. Rev Stomatol Chir Maxillofac 1981;82(3):164–6 (Eng. Abstr.) **(Fre)**

Leblanc C, Bouchard C, Godbout P, et al: Specificity of submaximal working capacity. J Sports Med Phys Fitness 1981 Mar; 21(1):15–22

Leff AR, Munoz NM: Cholinergic and alpha adrenergic augmentation of histamine-induced contraction of canine airway smooth muscle. J Pharmacol Exp Ther 1981 Sep;218(3):582–7

Lehmann M, Keul J, Wybitul K: Einfluss einer stufenweisen Laufband- und Fahrradergometrie auf die Plasmacatecholamine, energiereichen Substrate, aerobe und anaerobe Kapazität. Klin Wochenschr 1981 Jun 1;59(11):553–9 (Eng. Abstr.) **(Ger)**

Lemon PW, Nagle FJ: Effects of exercise on protein and amino acid metabolism. Med Sci Sports Exerc 1981;13(3):141–9

Lenoir H see **Sebban C**

Lerman J, Mele E, Chiozza M, et al: Effects of nitrates on R-wave variations after exercise in coronary heart disease: differences in patients with and without angina pectoris. Chest 1981 Aug; 80(2):137–41

Letcher RL, Pickering TG, Chien S, et al: Effects of exercise on plasma viscosity in athletes and sedentary normal subjects. Clin Cardiol 1981 Jul–Aug;4(4):172–9

Levik IuS see **Gurfinkel' VS**

Levisky R see **Richieri-Costa A**

Lewis DM see **Bagust J**

Lewis R see **Jones DM**

Lewis SE see **Corbett JR**

Lien IN, Lai JS: Endurance capacity and exercise response in young Chinese adults. Taiwan I Hsueh Hui Tsa Chih 1980 Dec; 79(12):1109–21

Lijnen P see **Amery A**

Lim M, Linton RA, Wolff CB, et al: Propranolol, exercise, and arterial plasma potassium [letter] Lancet 1981 Sep 12;2(8246):591

Lindenhayn K see **Trzenschik K**

Ling WY see **Bonen A**

Linnaluoto M see **Korhonen UR**

Linnarsson D see **Hesser CM**

Linton RA see **Lim M**

Lipscomb AB see **Snyder RB**

Lisovskaia NP see **Chebotareva NA**

Littell EH: Support responses of the cardiovascular system to exercise. Part I. Phys Ther 1981 Sep;61(9):1260–4

Littell EH: Neural regulation of cardiovascular response to exercise: Part II. Phys Ther 1981 Oct;61(10):1411–8

Liu CN see **Yu J**

Locatelli C see **Conte G**

Loeppky JA, Greene ER, Hoekenga DE, et al: Beat-by-beat stroke volume assessment by pulsed Doppler in upright and supine exercise. J Appl Physiol 1981 Jun;50(6):1173–82

Loiselle DS see **Delbridge LM**

Loke J see **Mahler DA**

Löllgen H, Just H, Wollschläger H, et al: [Hemodynamic actions on alinidine during exercise in patients with coronary artery disease. Z Kardiol 1981 May;70(5):425–8

Lombardo SJ see **Hill JA**

Lombardo SJ see **Tibone JE**

Londeree BR see **LaFontaine TP**

Lösse B see **Jehle J**

Loughlin EC Jr see **Apple DF Jr**

Louridas G, Patakas D, Christaki R, et al: Systolic time intervals in chronic obstructive pulmonary disease. Cardiology 1981; 68(1):30–41

Lowitzsch K see **Maurer K**

Lowthian P: Experimental production of pressure sores [letter] Plast Reconstr Surg 1981 Aug;68(2):263–4

Lucking MT: Experimental random spot testing for drugs in sportsmen. Br J Sports Med 1981 Mar;15(1):33–8

Ludwig G see **Berényi I**

Luff AR: Dynamic properties of the inferior rectus, extensor digitorum longus, diaphragm and soleus muscles of the mouse. J Physiol (Lond) 1981;313:161–71

Lulofs R, Wennekens R, Van Houtem J: Effect of physical stress and time-pressure on performance. Percept Mot Skills 1981 Jun; 52(3):787–93

Lundborg P, Aström H, Bengtsson C, et al: Effect of beta-adrenoceptor blockade on exercise performance and metabolism. Clin Sci 1981 Sep;61(3):299–305

Luschei ES see **Larson CR**

Lutaĭ MI see **Furkalo NK**

Lutkin JE see **Timmis AD**

Lutter LD: Cavus foot in runners. Foot Ankle 1981 Jan;1(4):225–8

Lutter LD: Foot-related knee problems in the long distance runner. Foot Ankle 1980 Sep;1(2):112–6

Lutter LD see **Mann RA**

Lutzki P see **König K**

Lux SE see **Platt OS**

Lyager S see **Jensen JI**

M

McArthur JW see **Frisch RE**
McCarthy DM see **Johnson LL**
McCaughan LR, McKinlay S: Effects of success/failure and extrinsic rewards on intrinsic motivation using a competitive motor task. Res Q Exerc Sport 1981 May;52(2):208-15
McClellan A see **Grillner S**
McDonald M see **Taylor R**
McEwan P see **Jones RH**
McFadden ER Jr see **Stearns DR**
McGraw BF, Hemberger JA, Smith AL, et al: Variability of exercise performance during long-term placebo treatment. Clin Pharmacol Ther 1981 Sep;30(3):321-7
McHale NG, Roddie IC, Thornbury KD: Nervous modulation of spontaneous contractions in bovine mesenteric lymphatics. J Physiol (Lond) 1980 Dec;309:461-72
McHugh WB see **Biersner RJ**
MacIntyre NR, Kunkler JR, Mitchell RE, et al: Eight-year follow-up of exercise electrocardiograms in healthy, middle-aged aviators. Aviat Space Environ Med 1981 Apr; 52(4):256-9
Mackenzie DB: Avulsion of the insertion of the pectoralis major muscle. A case report. S Afr Med J 1981 Jul 25;60(4):147-8
McKenzie JE, Bockman EL, Steffen RP, et al: Transmural adenosine with increased cardiac work. Basic Res Cardiol 1981 Jul-Aug;76(4):372-6
McKillop JH see **Murray RG**
McKinlay S see **McCaughan LR**
McKusick KA see **Guiney TE**
McLatchie G: Karate and karate injuries. Br J Sports Med 1981 Mar;15(1):84-6
MacLellan GE, Vyvyan B: Management of pain beneath the heel and Achilles tendonitis with visco-elastic heel inserts. Br J Sports Med 1981 Jun;15(2):117-21
McMahon R see **Fordyce W**
McPhillips JJ see **Shapiro GG**
Magazanik A see **Keren G**
Mager M see **Francesconi R**
Mager M see **Hubbard RW**
Magun JC see **Sargent RG**
Mahler DA, Loke J: Lung function after marathon running at warm and cold ambient temperatures. Am Rev Respir Dis 1981 Aug; 124(2):154-7
Maione S see **Ferro G**
Majid PA see **de Feyter PJ**
Maksimovich VA see **Romanenko VA**
Maksumov EIu see **Gasilin VS**
Malcolm SA see **Bonen A**
Malhotra A, Penpargkul S, Schaible T, et al: Contractile proteins and sarcoplasmic reticulum in physiologic cardiac hypertrophy. Am J Physiol 1981 Aug;241(2):H263-7
Malovichko SI see **Oberemchenko IaV**
Malpass JR see **Hutchins GL**
Malvezzi A see **Cifaldi S**
Mamaladze GT see **Kvantaliani TG**
Mann RA, Coughlin MJ: Hallux valgus--etiology, anatomy, treatment and surgical considerations. Clin Orthop 1981; (157):31-41
Mann RA, Baxter DE, Lutter LD: Running symposium. Foot Ankle 1981 Jan;1(4):190-224
Mann RW see **Patriarco AG**
Mann S see **Millar-Craig MW**
Manyari DE, Melendez LJ, Driedger AA, et al: Left ventricular function and volume during supine exercise in subjects with coronary artery disease. J Appl Physiol 1981 Mar;50(3):636-42
Manzione M, Pizzutillo PD: Stress fracture of the scaphoid waist. A case report. Am J Sports Med 1981 Jul-Aug;9(4):268-9
Marcq M, Minette A: Cardiorespiratoire functie bij jonge bronchitislijders, voor het merendeel mijnwerkers, vóór en na kinesitherapie en inspanningstraining. Vergelijking met een controlegroep (Preliminaire resultaten). Rev Inst Hyg Mines (Hasselt) 1981;36(1):5-31 (Eng. Abstr.) **(Dut, Fre)**
Marcus NA, Sweetser ER, Benson RW: Hot-air ballooning injuries. Am J Sports Med 1981 Sep-Oct;9(5):318-21
Márk G see **Hudetz AG**
Markhasin VS, Kimmel'man IIa, Tsyv'ian PB: Kinetika izometricheskogo rasslableniia v miokarde bol'nykh vrozhdennymi i priobretennymi porokami serdtsa. Biull Eksp Biol Med 1981 May;91(5):557-9 (Eng. Abstr.)**(Rus)**
Markhede G, Grimby G: Measurement of strength of hip joint muscles. Scand J Rehabil Med 1980;12(4):169-74
Markiewicz M see **Trojnar R**
Maroon JC, Steele PB, Berlin R: Football head and neck injuries--an update. Clin Neurosurg 1980;27:414-29 (34 ref.)
Marra S, Paolillo V, Spadaccini F, et al: Valore prognostico e diagnostico della prova da sforzo e dell'anamnesi coronarica precoce in pazienti con infarto miocardico in un follow-up a medio termine. G Ital Cardiol 1980;10(12):1622-33 (Eng. Abstr.) **(Ita)**
Marshall JL see **Reider B**
Martin BJ, Gaddis GM: Exercise after sleep deprivation. Med Sci Sports Exerc 1981;13(4):220-3
Martin RB, Yeater RA, White MK: A simple analytical model for the crawl stroke. J Biomech 1981;14(8):539-48
Martin RB see **Yeater RA**
Martin S, Cooper KE: Factors which affect shivering in man during cold water immersion. Pflugers Arch 1981 Jul;391(1):81-3
Martyn C, Jellinek EH, Webb JN: Lipid storage myopathy: successful treatment with propranolol. Br Med J [Clin Res] 1981 Jun 20;282(6281):1997-9
Marushia SA see **Gonyea WJ**
Mary DA see **Elamin MS**
Maslov AI see **Zavesa PZ**
Massion J, Roll R, Swett JE: Effect of sensorimotor cortical ablation on the placing reaction in the standing cat. Arch Ital Biol 1981 May;119(2):108-24
Mathiot MJ see **Jammes Y**
Mathur DN, Salokun SO, Uyanga DP: Common injuries among Nigerian games players. Br J Sports Med 1981 Jun;15(2):129-32
Mathur RS see **Baker ER**
Maton B: Human motor unit activity during the onset of muscle fatigue in submaximal isometric isotonic contraction. Eur J Applied Physiol 1981;46(3):271-81
Matsui H see **Saito M**
Matsui J see **Tanaka M**
Matsuki N see **Trapani A**
Matsuoka Y see **Sobue G**
Matsuzaki M see **Naito H**
Matsuzaki M see **Takahashi Y**
Matter P see **Gerber C**
Matthes RD see **Vailas AC**
Matthews RG see **Metcalf JA**
Mattiazzi AR, Cingolani HE: Positive inotropic and relaxant effects of papaverine on cat papillary muscle. Arch Int Physiol Biochim 1981 May;89(2):167-74
Maue M see **Nizard M**
Maughan RJ, Poole DC: The effects of a glycogen-loading regimen on the capacity to perform anaerobic exercise. Eur J Applied Physiol 1981;46(3):211-9
Maurer G, Nanda NC: Two dimensional echocardiographic evaluation of exercise-induced left and right ventricular asynergy: correlation with thallium scanning. Am J Cardiol 1981 Oct;48(4):720-7
Maurer K, Hopf HC, Lowitzsch K, et al: Mechanomyographische Veränderungen bei Schilddrüsenfunktionsstörungen. EEG EMG 1981 Jun;12(2):94-9 (Eng. Abstr.) **(Ger)**
Mäurer W, Ablasser A, Saggau W, et al: Veränderungen des myokardialen Katecholamin-Stoffwechsels und Verhalten der Plasma-Katecholamine bei Patienten mit chronischer Aorteninsuffizienz. Z Kardiol 1981 Jul;70(7):540-6 (Eng. Abstr.) **(Ger)**
Mauritson DR see **Johnson SM**
Mautner RK: Staging after myocardial infarction [letter] Ann Intern Med 1981 Oct;95(4):514
Max SR, Young JL, Mayer RF: Neural regulation of glucose 6-phosphate dehydrogenase in rat muscle: effect of denervation and reinnervation. Brain Res 1981 Sep 7;220(1):131-8
Maxfield M see **Miller RG**
Maxwell JH, Bloor CM: Effects of conditioning on exertional rhabdomyolysis and serum creatine kinase after severe exercise. Enzyme 1981;26(4):177-81
Mayer LR see **Jones CE**
Mayer RF see **Max SR**
Mazouz B see **Shapiro A**
Mazur B, Sudoł M, Pyda E, et al: Ciśnienie tętnicze krwi po wysiłku fizycznym u 9-letnich dzieci z otyłością prostą. Pol Tyg Lek 1981 Mar 16;36(11):405-8 (Eng. Abstr.) **(Pol)**
Mefford IN see **Bortz WM 2d**
Meins J see **Cain TE**
Melamed Y, Sherman D, Wiler-Ravell D, et al: The transportable recompression rescue chamber as an alternative to delayed treatment in serious diving accidents. Aviat Space Environ Med 1981 Aug;52(8):480-4
Melamed Y see **Greenstein A**
Melchionda AM see **Kroll W**
Mele E see **Lerman J**
Melendez LJ see **Manyari DE**
Melton P see **Smith MJ**
Merkulova RI see **Mironova ZS**
Metcalf JA, Watson HK, Matthews RG, et al: ECG effects of aerobic dance: a study of five exercise-conditioned young women. Postgrad Med 1981 Aug;70(2):219-23
Meyenberg A see **Howald H**
Meyer WL see **Bodwell JE**
Mezei G see **Cserháti E**

PHYSICAL FITNESS/SPORTS MEDICINE

Michael LH, Seidel CL: Hydralazine: effect on contraction mechanics of WKY and SHR rat heart muscle. Hypertension 1981 May–Jun;3(3):356–61
Micheli LJ, Stanitski CL: Lateral patellar retinacular release. Am J Sports Med 1981 Sep–Oct;9(5):330–6
Micks JE, Reswick JB: Confirmation of differential loading of lateral and central fibers of the extensor tendon. J Hand Surg 1981 Sep;6(5):462–7
Miguleva VG see **Apanasenko GL**
Mihalache N see **Dumitrescu C**
Mihevic PM: Sensory cues for perceived exertion: a review. Med Sci Sports Exerc 1981;13(3):150–63 (65 ref.)
Mihevic PM, Gliner JA, Horvath SM: Perception of effort and respiratory sensitivity during exposure to ozone. Ergonomics 1981 May;24(5):365–74
Milazzo V: An exercise class for patients in traction. Am J Nurs 1981 Oct;81(10):1842–4
Miles DS, Bransford DR, Horvath SM: Hypoxia effects on plasma volume shifts at rest, work, and recovery in supine posture. J Appl Physiol 1981 Jul;51(1):148–53
Millar-Craig MW, Mann S, Balasubramanian V, et al: Effects of chronic beta-blockade on intra-arterial blood pressure during motor car driving. Br Heart J 1981 Jun;45(6):643–8
Millar-Craig MW, Mann S, Balasubramanian V, et al: Effects of oxprenolol on the intra-arterial blood pressure response to dynamic exercise in hypertensive men. J Cardiovasc Pharmacol 1981 May–Jun;3(3):468–76
Miller D: Guidelines for the clarification of the role of developmental/adapted physical education and the therapies. Am Correct Ther J 1981 May–Jun;35(3):62–5
Miller L see **Webbon B**
Miller RG, Mirka A, Maxfield M: Rate of tension development in isometric contractions of a human hand muscle. Exp Neurol 1981 Jul;73(1):267–85
Miller WE: Kinesiology. I. The semantics and application of forces involved in the human body in motion. Am J Sports Med 1981 Sep–Oct;9(5):342–4
Miller WE see **Mullis DL**
Millman BM, Nickel BG: Electrostatic forces in muscle and cylindrical gel systems. Biophys J 1980;32(1):49–63
Milousheva E see **Papasova M**
Minami M, Mori K, Nagatsu T: The effect of light exercise on the plasma superoxide dismutase activity and on the plasma noradrenaline concentration. Ind Health 1981;19(2):133–8
Minette A see **Marcq M**
Minh VD, Chun D, Dolan GF, et al: Mixed venous oxygenation, exercise, body posture, and v/q ratio in chronic obstructive pulmonary disease. Am Rev Respir Dis 1981 Sep;124(3):226–31
Mirka A see **Miller RG**
Mirodon Z see **Dumitrescu C**
Mironova ZS, Bogutskaia EV, Merkulova RI, et al: Povrezhdenie sukhozhilii pri zaniatiiakh sportom. Ortop Travmatol Protez 1981 Jan;(1):22–6 (Eng. Abstr.) **(Rus)**
Mitamura H, Ogawa S, Hori S, et al: Two dimensional echocardiographic analysis of wall motion abnormalities during handgrip exercise in patients with coronary artery disease. Am J Cardiol 1981 Oct;48(4):711–9
Mitchell E see **Brodie DA**
Mitchell GS, Gleeson TT, Bennett AF: Pulmonary oxygen transport during activity in lizards. Respir Physiol 1981 Mar;43(3):365–75
Mitchell R see **Gass GC**
Mitchell RE see **Hartung GH**
Mitchell RE see **MacIntyre NR**
Mitchell W see **Hale RW**
Miyamura M see **Saito M**
Miyauchi T see **Kitada Y**
Mizhorkova Z see **Papasova M**
Moesch H see **Pfister B**
Moidel RA: Bowler's thumb. Arthritis Rheum 1981 Jul;24(7):972–3
Molokov VD: Vynoslivost' myshts cheliustno-litsevoĭ oblasti pri fiziologicheskom prikuse u deteĭ doshkol'nogo vozrasta. Stomatologiia (Mosk) 1981;60(4):5[illegible]–6 (Eng. Abstr.) **(Rus)**
Monie KD see **Hartley JP**
Montgomery L see **Webbon B**
Montgomery PC: Assessment and treatment of the child with mental retardation. Guidelines for the public school therapist. Phys Ther 1981 Sep;61(9):1265–72
Montpetit RR see **Lavoie JM**
Mooney LW see **Gilman SC**
Moore JB, Reeve TG, Pissanos B: Effects of variability of practice in a movement-education program on motor skill performance. Percept Mot Skills 1981 Jun;52(3):779–84
Mooss AN see **Sketch MH**
Morales-Ballejo H, Greenberg PS, Ellestad MH, et al: Septal Q wave in exercise testing: angiographic correlation. Am J Cardiol 1981 Aug;48(2):247–51
Morgan EJ, Henderson DA: Pneumomediastinum as a complication of athletic competition. Thorax 1981 Feb;36(2):155–6
Mori K see **Minami M**
Morin LP, Cummings LA: Effect of surgical or photoperiodic castration, testosterone replacement or pinealectomy on male hamster running rhythmicity. Physiol Behav 1981 May;26(5):825–38
Moritake K, Handa H, Okumura A, et al: Quantitative analysis of microstructural components of human cerebral arteries. Neurol Res 1981;3(1):67–82
Moritani T, Nagata A, deVries HA, et al: Critical power as a measure of physical work capacity and anaerobic threshold. Ergonomics 1981 May;24(5):339–50
Morrow JR Jr, Hosler WW: Strength comparisons in untrained men and trained women athletes. Med Sci Sports Exerc 1981;13(3):194–7
Moss SC, Hogg J: Observation and classification of prehension in preschool children: a reliability study. Res Q Exerc Sport 1981 May;52(2):273–7
Mosti GB, Santoro G, Galetta F, et al: Diagnosi differenziale electtrocardiografica tra anomalie ischemich e aspecifiche della ripolarizzazione ventricolare. Boll Soc Ital Cardiol 1980;25(7):731–45 (Eng. Abstr.) **(Ita)**
Moxham J see **Petheram IS**
Mucke R see **Kramer H**
Muckle DS: Injuries in professional footballers. Br J Sports Med 1981 Mar;15(1):77–9
Mühlbach R see **Trzenschik K**
Mühlhauser I, Schernthaner G, Seebacher C, et al: Einfluss von Muskelarbeit und Stoffwechselkontrollgrad auf Stress-Hormone (Cortisol, Wachstumshormon, Plasma-Adrenalin, Plasma-Noradrenalin) bei Patienten mit Typ-I Diabetes. Acta Med Austriaca 1981;8(2):48–53 (Eng. Abstr.) **(Ger)**
Mühlhauser I see **Schernthaner G**
Mukai E see **Sobue G**
Mulder JA, Griffin R: Prescription of home exercise therapy for cardiovascular fitness. J Fam Pract 1981 Sep;13(3):345–8
Müller-Brand J see **Pfisterer M**
Mullin JP see **Hagberg JM**
Mullis DL, Miller WE: A disabling sports injury of the great toe. Foot Ankle 1980 Jul;1(1):22–5
Mulvany MJ: The undamped and damped series elastic components of a vascular smooth muscle. Biophys J 1979 Jun;26(3):401–13
Munoz NM see **Leff AR**
Munson JB see **Sypert GW**
Murakami S: [Projection of neck muscle afferents to the brain stem of the cats (author's transl)] Hokkaido Igaku Zasshi 1980 Nov;55(6):509–20 (Eng. Abstr.) **(Jpn)**
Murase Y, Kobayashi K, Kamei S, et al: Longitudinal study of aerobic power in superior junior athletes. Med Sci Sports Exerc 1981;13(3):180–4
Murata S: [Long-term pacing in conscious dogs with experimental heart block: hemodynamic changes at rest and during exercise (author's transl)] Nippon Geka Hokan 1981 Jan 1;50(1):171–89 (Eng. Abstr.) **(Jpn)**
Muro M see **Yoshida T**
Murphy RD, Vailas AC, Tipton CM, et al: Influence of streptozotocin-induced diabetes and insulin on the functional capacity of rats. J Appl Physiol 1981 Mar;50(3):482–6
Murray MP, Gore DR, Brewer BJ, et al: Joint function after total hip arthroplasty: a four-year follow-up of 72 cases with Charnley and Müller replacements. Clin Orthop 1981;(157):119–24
Murray MP, Gore DR, Brewer BJ, et al: Comparison of Müller total hip replacement with and without trochanteric osteotomy. Kinesiologic measurements of 82 cases 2 years after surgery. Acta Orthop Scand 1981 Jun;52(3):345–52
Murray RG, McKillop JH, Bessent RG, et al: Bayesian analysis of stress thallium-201 scintigraphy. Eur J Nucl Med 1981;6(5):201–4

N

Nadeau RA see **Péronnet F**
Nadel JA see **Sheppard D**
Nagano A: [An experimental study on the functional recovery of denervated muscles—effects of stump rotation in nerve suture (author's transl)] Nippon Seikeigeka Gakkai Zasshi 1981 Apr;55(4):345–55 (Eng. Abstr.) **(Jpn)**
Nagasawa S: [Biomechanical study of human cerebral arteries (author's transl)] Nippon Geka Hokan 1980 Sep 1;49(5):620–36 (Eng. Abstr.) **(Jpn)**
Nagata A see **Moritani T**
Nagata A see **Yoshida T**
Nagatomo T see **Tibbits GF**
Nagatsu T see **Minami M**
Nagle FJ see **Lemon PW**
Nahormek PA, Chahine RA, Raizner AE, et al: The magnitude of exercise-induced ST segment depression and the predictive value of exercise testing. Clin Cardiol 1979 Aug;2(4):286–90
Naito H, Matsuzaki M, Takahashi Y, et al: [Exercise echocardiography: II. Interventricular septal wall dynamics in patients with left anterior descending coronary disease during recovery (author's transl)] J Cardiogr 1981 Mar;11(1):79–88 (Eng.

Abstr.) **(Jpn)**

Naito H see **Takahashi Y**

Nakai Y: [Effects of some kinds of antibiotics on the electrical and mechanical activities of guinea-pig taenia coli (author's transl)] Nippon Heikatsukin Gakkai Zasshi 1980 Jun;16(2):93-7 (Eng. Abstr.) **(Jpn)**

Nakamura T see **Abé H**

Nakano S, Kitamura S, Onishi K, et al: [Hemodynamic response to exercise in the patients with extreme pulmonary hypertension accompanied by mitral stenosis after open mitral commissurotomy (author's transl)] Nippon Kyobu Geka Gakkai Zasshi 1981 Mar;29(3):335-41 (Eng. Abstr.) **(Jpn)**

Nakornchai V see **Neill WA**

Nanda NC see **Maurer G**

Nathan DG see **Platt OS**

Naumann HJ see **Quaas M**

Needham KE see **Awan NA**

Neijens HJ, Wesselius TR, Kerrebijn KF: Farmacologische beïnvloeding van kortademigheid door inspanning bij kinderen met CARA. Ned Tijdschr Geneeskd 1981 Aug 8;125(32):1277-81 (Eng. Abstr.) **(Dut)**

Neill WA, Pantley GA, Nakornchai V: Respiratory alkalemia during exercise reduces angina threshold. Chest 1981 Aug;80(2):149-53

Nekrasova AA: Perestroika éndokrinnoĭ funktsii pochek u bol'nykh gipertonicheskoĭ bolezn'iu. Kardiologiia 1981;21(7):13-20 (Eng. Abstr.) **(Rus)**

Nemiroff MJ, Willson JR, Kirschbaum TH: Multiple hyperbaric exposures during pregnancy in sheep. Am J Obstet Gynecol 1981 Jul 15;140(6):651-5

Neubert I see **Bergert KD**

Neuenschwander C see **Howald H**

Newhall JF Jr: Scuba diving during pregnancy: a brief review. Am J Obstet Gynecol 1981 Aug 15;140(8):893-4

Newman GE see **Jones RH**

Newman PE: The coronary collateral circulation: determinants and functional significance in ischemic heart disease. Am Heart J 1981 Sep;102(3 Pt 1):431-45 (102 ref.)

Newman RI see **Seres JL**

Nichols JW see **Oxburn MS**

Nickel BG see **Millman BM**

Nidasio GP see **Rossi L**

Niżankowska H see **Baran L**

Nizard M, Biehl G, Maue M: Erfahrungen und Ergebnisse der Watson-Jones-Plastik bei älteren Aussenbandverletzungen am oberen Sprunggelenk. Aktuel Traumatol 1981 Jun;11(3):103-7 (Eng. Abstr.) **(Ger)**

Noakes TD: 'Joggitis', 'marathonitis' and marathon mania [letter] S Afr Med J 1981 Jul 18;60(3):84-5

Noble C: Fenbufen in the treatment of over-use injuries in long-distance runners. S Afr Med J 1981 Sep 5;60(10):387-8

Nordemar R, Ekblom B: Effekter av långtidsträning vid reumatoid artrit. Lakartidningen 1981;78(15):1561-4 (Eng. Abstr.) **(Swe)**

Norton GF see **Bowering J**

Norwood LA see **Waldrep JI**

Novák J, Hlaváček V: Postižení ramenního kloubu u sportovcu. Fysiatr Reumatol Vestn 1981 Jun;59(3):126-9 (Eng. Abstr.) **(Cze)**

Novozhilov GN: Efficiency of increased energy expenditure during adaptation to heat. Hum Physiol 1980 Nov-Dec;6(6):397-400

Nowicka H see **Bargiel Z**

Noyes R see **Clancy J**

Nygaard A, Plum P: Behandling af oligofrene cerebral-paretiske børn med intensiv muskeltraening. Ugeskr Laeger 1981 Feb 9;143(7):408-12 (Eng. Abstr.) **(Dan)**

O

Oakes BW: Acute soft tissue injuries: nature and management. Aust Fam Physician 1981 Jul;10(7 Suppl):3-16

Oaks BW see **Keniham MA**

Oberemchenko IaV, Aksenov VP, Malovichko SI: Veloérgometriia v ékspertize trudosposobnosti bol'nykh stenokardieĭ. Vrach Delo 1981 May;(5):55-8 (Eng. Abstr.) **(Rus)**

O'Brien JC see **Wade CE**

O'Callaghan WG see **Horgan JH**

Odagiri M see **Yamamoto K**

Oganov VS, Skuratova SA, Shirvinskaia MA: Vliianie poleta na biosputnike 'Kosmos-936' na sokratitel'nye svolstva myshechnykh volokon krys. Kosm Biol Aviakosm Med 1981 Jun-Jul;15(4):58-61 (Eng. Abstr.) **(Rus)**

Ogawa S see **Mitamura H**

Ogielska E, Uher M, Koziorowska M: Wpływ wysiłku fizycznego na ciśnienie wewnątrzgałkowe. I. Zachowanie się ciśnienia śródgałkowego pod wpływem wysiłku w oczach niejaskrowych. Klin Oczna 1981 Jan;83(1):13-4 (Eng. Abstr.) **(Pol)**

Ogielska E see **Baran L**

O'Halloran MW see **Pohl AP**

Ohkoshi K, Kikuchi Y: dT-dL analysis of the loading effect on surface electromyogram. Electromyogr Clin Neurophysiol 1981 Jun-Aug;21(5):449-67

Okumura A see **Moritake K**

Okun' AA see **Zavesa PZ**

Oldridge NB see **Andrew GM**

Ollier S see **Phillips MJ**

Omar R, Wise MD: Mandibular flexure associated with muscle force applied in the retruded axis position. J Oral Rehabil 1981 May;8(3):209-21

Onishi K see **Nakano S**

Oren A, Wasserman K, Davis JA, et al: Effect of CO2 set point on ventilatory response to exercise. J Appl Physiol 1981 Jul;51(1):185-9

Orenstein DM, Franklin BA, Doershuk CF, et al: Exercise conditioning and cardiopulmonary fitness in cystic fibrosis. The effects of a three-month supervised running program. Chest 1981 Oct;80(4):392-8

Orinius E see **Jonasson R**

Ormand J, Parkey RW, Platt MR, et al: Thallium 201 myocardial scintigraphy and exercise testing in patients prior to and following coronary artery revascularization. Tex Med 1981 Jul;77(7):52-8

Ornhagen HC, Sigurdsson SB: Effects of high hydrostatic pressure on rat atrial muscle. Undersea Biomed Res 1981 Jun;8(2):113-20

Orr GW see **Winter DA**

Osguthorpe JD see **Osguthorpe NC**

Osguthorpe NC, Osguthorpe JD: Scuba diving hazards: emergency management. Am J Nurs 1981 Aug;81(8):1456-8

Ostrow AC, Jones DC, Spiker DD: Age role expectations and sex role expectations for selected sport activities. Res Q Exerc Sport 1981 May;52(2):216-27

Ostyn M see **Beunen G**

Overman SJ, Rao VV: Motivation for and extent of participation in organized sports by high school seniors. Res Q Exerc Sport 1981 May;52(2):228-37

Oxburn MS, Nichols JW: Pubic ramus and adductor insertion stress fractures in female basic trainees. Milit Med 1981 May;146(5):332-4

P

Pääkkönen M, Alhava EM, Hänninen O: Effect of tourniquet ischaemia on muscle energy metabolism in meniscectomy patients. Br J Sports Med 1981 Sep;15(3):167-71

Painter JR see **Seres JL**

Pałubicki J see **Dolmierski R**

Pamenter RW see **Rotkis T**

Panda BK see **De AK**

Pandolf KB see **Cymerman A**

Panferova NE: Dependence of human responses to physical exertion during limitation of muscular activity. Hum Physiol 1980 May-Jun;6(3):223-6

Pannall PR see **Pohl AP**

Pantley GA see **Neill WA**

Paolillo V see **Marra S**

Papasova M, Milousheva E, Bonev A, et al: Specific features in the electrical and contractile activities of the gastro-intestinal sphincters. Acta Physiol Pharmacol Bulg 1981;6(3):19-27

Papasova M, Mizhorkova Z: Responses for smooth-muscle strips from the ileo-caecal region to transmural electrical stimulation. Acta Physiol Pharmacol Bulg 1981;6(3):3-10

Paradise NF, Schmitter JL, Surmitis JM: Criteria for adequate oxygenation of isometric kitten papillary muscle. Am J Physiol 1981 Sep;241(3):H348-53

Parhad A, Gervais B, Wu YC: From the clinic: utilization of the hamstring position (reverse arm) on the NK table for increasing range of motion in the knee joint. Am Correct Ther J 1981 May-Jun;35(3):72-6

Park GR: Club motorcycle racing medical aid and types of injury. J R Army Med Corps 1981 Jun;127(2):87-92

Park MK see **Johnson JM**

Parker JO see **Andrew GM**

Parkey RW see **Ormand J**

Parmley WW, Chatterjee K, Arnold S, et al: Hemodynamic effects of prazosin in chronic heart failure. Am Heart J 1981 Sep;102(3 Pt 2):622-5

Parodi O see **Uthurralt N**

Parrish AE: The effect of minimal exercise on the blood lactate in azotemic subjects. Clin Nephrol 1981 Jul;16(1):35-9

Pascoe JR, Ferraro GL, Cannon JH, et al: Exercise-induced pulmonary hemorrhage in racing thoroughbreds: a preliminary study. Am J Vet Res 1981 May;42(5):703-7

Patakas D see **Louridas G**

Patel D: Proximal approaches to arthroscopic surgery of the knee. Am J Sports Med 1981 Sep-Oct;9(5):296-303

Patriarco AG, Mann RW, Simon SR, et al: An evaluation of the approaches of optimization models in the prediction of muscle forces during human gait. J Biomech 1981;14(8):513-25

Patterson P see **Gabbard C**

PHYSICAL FITNESS/SPORTS MEDICINE

Patton RW, Watkins M, Jackson A: A normative assessment technique for isotonic strength in college males on the universal gym. Am Correct Ther J 1981 May-Jun;35(3):78-81
Paulev PE see **Hammer A**
Peat M see **Stewart OJ**
Pedersen OF see **Jensen JI**
Peiper U see **Klemt P**
Penalva A see **Casanueva F**
Penpargkul S see **Malhotra A**
Percy EC, Carson JD: The use of DMSO in tennis elbow and rotator cuff tendonitis: a double-blind study. Med Sci Sports Exerc 1981;13(4):215-9
Perego MA, Sergio G, Espureo M, et al: Effetti emoreologici distrettuali indotti dallo sforzo muscolare nell'arteriopatia ostruttiva periferica. Seconda nota. Minerva Cardioangiol 1981 Jul-Aug;29(7-8):375-82 (Eng. Abstr.) **(Ita)**
Perez HR: Specificity of training: selective aspects of running. J Sports Med Phys Fitness 1981 Mar;21(1):68-73
Péronnet F, Nadeau RA, de Champlain J, et al: Exercise plasma catecholamines in dogs: role of adrenals and cardiac nerve endings. Am J Physiol 1981 Aug;241(2):H243-7
Perret C see **Grillner S**
Peruzzi G see **Tallarida G**
Peter RH see **Slosky DA**
Petheram IS, Moxham J, Bierman CW, et al: Ketotifen in atopic asthma and exercise-induced asthma. Thorax 1981 Apr;36(4):308-12
Petkov V, Donev N: Vliiani na psikhostimulatorite kofein i metilfenidat vŭrkhu efektivnostta na fizicheskata aktivnost na podlozheni na ionizirashta radiatsiia plŭkhove. Eksp Med Morfol 1981;20(2):82-7 (Eng. Abstr.) **(Bul)**
Petrofsky JS, Phillips CA, Sawka MN, et al: Blood flow and metabolism during isometric contractions in cat skeletal muscle. J Appl Physiol 1981 Mar;50(3):493-502
Petrofsky JS, Phillips CA: The influence of temperature initial length and electrical activity on the force-velocity relationship of the medial gastrocnemius muscle of the cat. J Biomech 1981;14(5):297-306
Petrofsky JS: Quantification through the surface EMG of muscle fatigue and recovery during successive isometric contractions. Aviat Space Environ Med 1981 Sep;52(9):545-50
Petrofsky JS see **Stafford DE**
Petrova RM, Keĭs GD: Perekresty v myshechnoĭ sisteme cheloveka. Arkh Anat Gistol Embriol 1981 Apr;80(4):32-8 (Eng. Abstr.) **(Rus)**
Pfister B, Moesch H, Howald H: Beeinflussung glykolytischer und oxidativer Skelettmuskelenzyme des menschen durch anaerobes Training oder anobole Steroide. Schweiz Z Sportmed 1981 Jun;29(2):45-52 (Eng. Abstr.) **(Ger)**
Pfisterer M, Schmitt HE, Müller-Brand J, et al: Können ischämie-bedingte Motilitäts-störungen des linken Ventrikels nicht-invasiv mit der Thallium-201-Szintigraphie diagnostiziert werden? Vergleich mit der Belastungs-Ventrikulographie. Schweiz Med Wochenschr 1980 Nov 8;110(45):1643-5 (Eng. Abstr.) **(Ger)**
Pharr WF see **Keagy BA**
Pheasant ST, Grieve DW: The principal features of maximal exertion in the sagittal plane. Ergonomics 1981 May;24(5):327-38
Phillips CA see **Petrofsky JS**
Phillips CJ, Coppinger RP, Schimel DS: Hyperthermia in running sled dogs. J Appl Physiol 1981 Jul;51(1):135-42
Phillips MJ, Ollier S, Trembath PW, et al: The effect of sustained-release aminophylline on exercise-induced asthma. Br J Dis Chest 1981 Apr;75(2):181-9
Phillipson EA, Bowes G, Townsend ER, et al: Role of metabolic CO2 production in ventilatory response to steady-state exercise. J Clin Invest 1981 Sep;68(3):768-74
Pickering T, Harshfield G, Kleinert H: Ambulatory blood pressure [letter] Lancet 1981 Aug 22;2(8243):416-7
Pickering TG: Runner's radial palsy [letter] N Engl J Med 1981 Sep 24;305(13):768
Pickering TG see **Letcher RL**
Pickup JC see **Viberti G**
Pierson DJ see **Schoene RB**
Pierson WE see **Koenig JQ**
Pietruschka WD, Scheuch K, Gruber G, et al: Herzfrequenz und Blutdruckverhalten unter psychischen und physischen Laborbelastungen bei jugendlichen Hypertonikern nach einer Langzeittherapie mit dem beta-Rezeptorenblocker Propranolol. Z Gesamte Inn Med 1981 Mar 15;36(6):218-22 (Eng. Abstr.) **(Ger)**
Pimm PE see **Rodriguez CH**
Pinaev GP see **Podgornaia OI**
Pink M: Contralateral effects of upper extremity proprioceptive neuromuscular facilitation patterns. Phys Ther 1981 Aug;61(8):1158-62
Pissanos B see **Moore JB**
Pizzutillo PD see **Manzione M**
Platt MR see **Ormand J**
Platt OS, Lux SE, Nathan DG: Exercise-induced hemolysis in xerocytosis. Erythrocyte dehydration and shear sensitivity. J Clin Invest 1981 Sep;68(3):631-8
Plum P: Styrketraening af patienter med cerebral parese. Ugeskr Laeger 1981 Feb 9;143(7):404-7 (Eng. Abstr.) **(Dan)**
Plum P see **Nygaard A**
Podgornaia OI, Drozdov AD, Pinaev GP: Profilamentnyĭ aktin v myshechnykh kletkakh ambulaktal'nykh nozhek morskoĭ zvezdy. Biokhimiia 1981 Jun;46(6):1015-25 (Eng. Abstr.) **(Rus)**
Pohl AP, O'Halloran MW, Pannall PR: Biochemical and physiological changes in football players. Med J Aust 1981 May 2;1(9):467-70
Pohost GM see **Guiney TE**
Pometov YuD see **Katkovskii BS**
Poole DC see **Maughan RJ**
Pope MH, Johnson RJ: Skiing injuries. Biomater Med Devices Artif Organs 1981;9(1):1-13
Potapova IG: Biometricheskie kharakteristiki pochechnogo tel'tsa pri ponizhenii funktsii nadpochechnikov v usloviiakh individual'no dozirovannoĭ fizicheskoĭ nagruzki. Arkh Anat Gistol Embriol 1981 Apr;80(4):73-6 (Eng. Abstr.) **(Rus)**
Powles AC: The effect of drugs on the cardiovascular response to exercise. Med Sci Sports Exerc 1981;13(4):252-8 (88 ref.)
Pozdniakov IuM see **Volkov VS**
Přerovský I see **Romanovská L**
Pretschner P see **Chlup J**
Priebe U, Wagner U, Läuter J: Untersuchungen zur Blutdrucksenkung durch physisches Training Bei patienten mit essentieller Hypertonie. Cor Vasa 1981;23(3):172-81 (Eng. Abstr.) **(Ger)**
Priest JD, Weise DJ: Elbow injury in women's gymnastics. Am J Sports Med 1981 Sep-Oct;9(5):288-95
Proske U see **Walmsley B**
Prostran M, Varagic VM: The effects of local anaesthetics on the isometric contraction of the isolated hemidiaphragm of the rat. Arch Int Pharmacodyn Ther 1981 Mar;250(1):30-9
Purcell K: A tennis forehand-backhand drive skill test which measures ball control and stroke firmness. Res Q Exerc Sport 1981 May;52(2):238-45
Puska P, Vienola P, Kottke TE, et al: Health knowledge and community prevention of coronary heart disease. Int J Health Educ 1981;24(2 Suppl):1-11
Pyda E see **Mazur B**

Q

Quaas M, Naumann HJ, Schmidt B: Zur Wirkung von zusätzlicher geistiger Tätigkeit und Pausen auf die Herzschlagfrequenz (HSF) bei physischer Arbeit. Z Gesamte Hyg 1981;27(1):27-30 (Eng. Abstr.) **(Ger)**
Quigley BM: 'Biorhythms' and Australian track and field records. J Sports Med Phys Fitness 1981 Mar;21(1):81-9
Quintern J see **Dietz V**
Quiroz AC see **Giles TD**

R

Rabin BS see **Green RL**
Rahe RH see **Biersner RJ**
Rainer P see **Renner F**
Rainwater G see **Fordyce W**
Raizner AE see **Nahormek PA**
Rajikin MH: Cardiovascular and metabolic responses to isometric exercise of athletes and non-athletes. Med J Malaysia 1980 Sep;35(1):46-52
Rakická E, Geizerová H, Hejl Z, et al: Prognostický význam ergometrického vyšetření u mužu v šestém desítiletí věku. Vnitr Lek 1981 Aug;27(8):758-66 (Eng. Abstr.) **(Cze)**
Rampulla C see **Grassi C**
Ramshaw JE, Stanley G: Individual differences in life-style response to coronary artery bypass surgery. Br J Med Psychol 1981 Mar;54(Pt 1):83-9
Rao VV see **Overman SJ**
Raphael B see **Lebeau J**
Rather RJ, Warriner S, Johnson D: From beltline to steering wheel: the vanishing space. An informal study of persistent weight gain of truck drivers. SD J Med 1981 Mar;24(3):21-4
Ratzmann KP, Zander E, Witt S, et al: Investigation of insulin sensitivity in early diabetes III. The effect of a combined physical training and diet programme on body weight, serum lipids and insulin sensitivity in obese asymptomatic diabetics. Endokrinologie 1981 Apr;77(2):233-41
Reaven EP, Reaven GM: Structure and function changes in the endocrine pancreas of aging rats with reference to the modulating effects of exercise and caloric restriction. J Clin Invest 1981 Jul;68(1):75-84
Reaven EP see **Reaven GM**
Reaven GM, Reaven EP: Prevention of age-related hypertriglyceridemia by caloric restriction and exercise training

in the rat. Metabolism 1981 Oct;30(10):982-6

Reaven GM see **Reaven EP**

Rehar RW, Cumming DC: Reproductive function in women athletes [editorial] JAMA 1981 Oct 2;246(14):1590

Reedman L see **Hirsch PJ**

Reeve TG see **Moore JB**

Reeves ES see **Judge MD**

Regan TJ see **Ahmed SS**

Reggiani E, Bertolini S, Balestreri R, et al: Trigliceridemia e frazioni colesterolemiche in due gruppi di giovani donne: effetto della dieta e del grado di attività motoria. Arch E Maragliano Patol Clin 1979;35:13-8 (81 ref.) (Eng. Abstr.) **(Ita)**

Rehfeldt H see **Kramer H**

Rehn T, Griffith LS, Achuff SC, et al: Exercise thallium-201 myocardial imaging in left main coronary artery disease: sensitive but not specific. Am J Cardiol 1981 Aug;48(2):217-23

Rehurek J see **Anton M**

Reid G: Sports' medicine [letter] NZ Med J 1981 May 13; 93(683):316-7

Reid SE, Reid SE Jr: Advances in sports medicine. Prevention of head and neck injuries in football. Surg Annu 1981;13:251-70 (32 ref.)

Reid SE Jr see **Reid SE**

Reider B, Marshall JL, Warren RF: Clinical characteristics of patellar disorders in young athletes. Am J Sports Med 1981 Jul-Aug;9(4):270-4

Reilly T, Walsh TJ: Physiological, psychological and performance measures during an endurance record for 5-a-side soccer play. Br J Sports Med 1981 Jun;15(2):122-8

Reinauer H see **Dahlmann B**

Reinberg A, Brière L, Fraboulet G, et al: Clinical chronopharmacology of ACTH-1 - 17. III. Effects on fatigue, oral temperature, heart rate, grip strength and bronchial patency. Chronobiologia 1981 Apr-Jun;8(2):101-15

Reis ND see **Zinman H**

Reischl P see **Bennett FM**

Remizov LP: Optimal running on skis in downhill. J Biomech 1980; 13(11):941-5

Renner F, Haber P, Rainer P: Ergebnisse elektrokardiographischer und ergomertrischer Untersuchungen an 18jährigen männlichen Stellungspflicktigen. Z Kardiol 1981 Jun;70(6):495-9 (Eng. Abstr.) **(Ger)**

Renström P see **Hultén B**

Reswick JB see **Micks JE**

Reum PJ see **Hartmann B**

Reynolds AC, Reynolds EV, Henschel EO: Physical exercise in malignant hyperthermia screening [letter] Lancet 1981 Aug 8; 2(8241):303

Reynolds EV see **Reynolds AC**

Rezviakov NP, Vinter RI, Abdulkhaev FA, et al: Ul'trastruktura skeletnykh myshechnykh volokon krys pri dlitel'noĭ staticheskoĭ nagruzke. Arkh Anat Gistol Embriol 1981 Mar;80(3):53-8 (Eng. Abstr.) **(Rus)**

Rezviakov NP, Abdullin AR, Abdulkhaev FA: Gisto- i biokhimicheskaia kharakteristika skeletnykh myshts krys posle dlitel'noĭ staticheskoĭ nagruzki. Arkh Anat Gistol Embriol 1981 Jun;80(6):70-5 (Eng. Abstr.) **(Rus)**

Ricchiuti NV see **Brady AJ**

Richards KL see **Starling MR**

Richieri-Costa A, Rogatko A, Levisky R, et al: Autosomal dominant late adult spinal muscular atrophy, type Finkel. Am J Med Genet 1981;9(2):119-28

Richter EA, Galbo H, Holst JJ, et al: Significance of glucagon for insulin secretion and hepatic glycogenolysis during exercise in rats. Horm Metab Res 1981 Jun;13(6):323-6

Rickards AF see **Akhras F**

Rieger H, Schardt W, Schmid-Schönbein H: Belastungsinduzierte Plättchenaggregation. In-vitro- und Ex-vivo-Aggregation menschlicher Blutplättchen nach Zufuhr kristallinen Adrenalins und nach ergometrischer Belastung. Dtsch Med Wochenschr 1981 Jul 17;106(29-30):942-5 (Eng. Abstr.) **(Ger)**

Riesser H: 10 Jahre Kuratorium Für Therapeutisches Reiten e.V. Rehabilitation (Stuttg) 1981 May;20(2):90-1 (Eng. Abstr.)**(Ger)**

Rifkind BM: HDL-cholesterol as a negative risk factor. Curr Concepts Nutr 1981;10:79-87

Rigo P, Bailey IK, Griffith LS, et al: Stress thallium-201 myocardial scintigraphy for the detection of individual coronary arterial lesions in patients with and without previous myocardial infarction. Am J Cardiol 1981 Aug;48(2):209-16

Ring EF see **Scott DG**

Rivier JL see **Grbic M**

Robertson HT see **Schoene RB**

Roby J see **Bennett PB**

Rocchini AP: Hemodynamic abnormalities in response to supine exercise in patients after operative correction of tetrad of Fallot after early childhood. Am J Cardiol 1981 Aug;48(2):325-30

Roddie IC see **McHale NG**

Roden W see **Kaplan PE**

Rodriguez CH, Pimm PE, Shephard RJ, et al: Use of isovolume flow curves in the detection of exercise-induced bronchospasm. Respiration 1981;41(2):82-9

Rogatko A see **Richieri-Costa A**

Rogers S see **Gass GC**

Roll JP see **Jammes Y**

Roll R see **Massion J**

Román O, Camuzzi AL, Villalón E, et al: Physical training program in arterial hypertension. A long-term prospective follow-up. Cardiology 1981;67(4):230-43

Romanenko VA, Maksimovich VA: Informativeness of the pulse rate for assessment of physical working capacity. Hum Physiol 1981 Jan-Feb;7(1):33-7

Romanovská L, Chrástek J, Přerovský I: Calf blood flow and vascular resistance during reactive hyperaemia in young athletes and trained middle-aged subjects. Physiol Bohemoslov 1981; 30(3):275-80

Romsos DR see **Vander Tuig JG**

Rorie DK, Rusch NJ, Shepherd JT, et al: Prejunctional inhibition of norepinephrine release caused by acetylcholine in the human saphenous vein. Circ Res 1981 Aug;49(2):337-41

Rosenkoetter MA see **Hickson RC**

Rosentswieg J see **Rubal BJ**

Rossi L, Dander B, Nidasio GP, et al: Myocardial bridges and ischemic heart disease. Eur Heart J 1980 Aug;1(4):239-45

Rossouw JE see **Labadarios D**

Rothstein AL see **Cooper LK**

Rotkis T, Boyden TW, Pamenter RW, et al: High density lipoprotein cholesterol and body composition of female runners. Metabolism 1981 Oct;30(10):994-5

Rouleau MY see **Sargeant AJ**

Roydhouse N: Sudden deafness and scuba divers [letter] NZ Med J 1981 Feb 25;93(678):131

Rozanski JJ, Kleinfeld M: Occurrence of ST segmental electrical alternans during exercise test [letter] PACE 1981 May; 4(3):339-40

Rożniecki J, Grabski W, Kowalski ML, et al: O odmiennym przebiegu powysiłkowego skurczu oskrzeli w astmie siennej i w astmie oskrzelowej z nadwrażliwością na aspirynę. Pol Tyg Lek 1981 Feb 23;36(8):289-92 (Eng. Abstr.) **(Pol)**

Rubal BJ, Rosentswieg J, Hamerly B: Echocardiographic examination of women collegiate softball champions. Med Sci Sports Exerc 1981;13(3):176-9

Rubler S: Asymptomatic diabetic females. Exercise testing. NY State J Med 1981 Jul;81(8):1185-91

Ruckman KS, Sherman AR: Effects of exercise on iron and copper metabolism in rats. J Nutr 1981 Sep;111(9):1593-601

Ruderman NB, Schneider SH, Berchtold P: The 'metabolically-obese,' normal-weight individual. Am J Clin Nutr 1981 Aug;34(8):1617-21

Rudicel S, Jokl P: Application of a computerized preparticipation medical history for athletes. J Am Coll Health Assoc 1981 Feb; 29(4):191

Rudolph W see **Kraus F**

Ruff PD see **Boudoulas H**

Ruitenbeek W, Sengers RC, Trijbels JM, et al: Estimation of energy metabolism in human skeletal muscle homogenate as a diagnostic aid. J Inherited Metab Dis 1981;4(2):91-2

Rundgren A see **Aniansson A**

Rusch NJ see **Rorie DK**

Rusinski PS: The employed pregnant worker: the risks of physical exertion. Occup Health Nurs 1981 Sep;29(9):19-21

Russ G see **Taylor R**

Russell JA, Holmes EM 3d, Keller DJ, et al: Reduction of acute anterior shoulder dislocations using the Milch technique: a study of ski injuries. J Trauma 1981 Sep;21(9):802-4

Rydén L see **Kruse I**

Rymar B see **Trojnar R**

S

Sady SP, Katch VL: Relative endurance and physiological responses: a study of individual differences in prepubescent boys and adult men. Res Q Exerc Sport 1981 May;52(2):246-55

Sady SP see **Freedson PS**

Sady SP see **Katch VL**

Saggau W see **Mäurer W**

Saito M, Matsui H, Miyamura M: Effects of physical training on the calf and thigh blood flows. Jpn J Physiol 1980;30(6):955-9

Salah RM see **Andrews JL Jr**

Salinas W see **Gimenez M**

Salminen A, Vihko V: Effects of age and prolonged running on proteolytic capacity in mouse cardiac and skeletal muscles. Acta Physiol Scand 1981 May;112(1):89-95

Salokun SO see **Mathur DN**

Samant NA see **Subrahmanyam M**

Samios R see **Alison JA**

Sampurno SB see **Versteeg PG**

Sanches PC see **Curti HV**

Santamaria J see **Arbizu T**

PHYSICAL FITNESS/SPORTS MEDICINE

Santoro G see **Mosti GB**

Saplinskas JS, Chobotas MA, Yashchaninas II: The time of completed motor acts and impulse activity of single motor units according to the training level and sport specialization of tested persons. Electromyogr Clin Neurophysiol 1980 Oct-Dec; 20(6):529-39

Sargeant AJ, Rouleau MY, Sutton JR, et al: Ventilation in exercise studied with circulatory occlusion. J Appl Physiol 1981 Apr; 50(4):718-23

Sargent RG, Blair SN, Magun JC, et al: Physical fitness and intraocular pressure. Am J Optom Physiol Opt 1981 Jun; 58(6):460-6

Sasaki M see **Tibbits GF**

Sashenkov SL see **Bordunovskaia VP**

Sato I, Hasegawa Y, Takahashi N, et al: Age-related changes of cardiac control function in man. With special reference to heart rate control at rest and during exercise. J Gerontol 1981 Sep; 36(5):564-72

Satoh A see **Kitada Y**

Saunders MJ see **Cockcroft AE**

Savin WM see **Adams WC**

Savvateev KL, Shinbaeva NA, Vygodin VA, et al: Sravnitel'noe farmakodinamicheskoe izuchenie korinfara i izoptina u bol'nykh ishemicheskoi bolezn'iu serdtsa. Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR 1981; 4(1):64-70 (Eng. Abstr.) **(Rus)**

Sawka MN, Glaser RM, Laubach LL, et al: Wheelchair exercise performance of the young, middle-aged, and elderly. J Appl Physiol 1981 Apr;50(4):824-8

Sawka MN see **Petrofsky JS**

Schaffer DJ: Knee ligament injuries induced by skiing. Ann Emerg Med 1981 Sep;10(9):472-5

Schaible T see **Malhotra A**

Schaible TF, Scheuer J: Cardiac function in hypertrophied hearts from chronically exercised female rats. J Appl Physiol 1981 Jun; 50(6):1140-5

Schardt W see **Rieger H**

Scheen A, Juchmes J, Cession-Fossion A: Critical analysis of the 'anaerobic threshold' during exercise at constant workloads. Eur J Applied Physiol 1981;46(4):367-77

Scherer D see **Klepzig H Jr**

Schernthaner G, Mühlhauser I, Seebacher C, et al: Nichtglukoregulatorische Hormone (T3, rT3, T4, TSH, Prolaktin, FSH and LH) während Ergometerbelastung bei juvenilen Diabetikern. Acta Med Austriaca 1981;8(2):54-60 (Eng. Abstr.) **(Ger)**

Schernthaner G see **Mühlhauser I**

Scheuch K see **Pietruschka WD**

Scheuer J see **Schaible TF**

Schimel DS see **Phillips CJ**

Schlesinger Z see **Segev U**

Schmid-Schönbein H see **Rieger H**

Schmidt B see **Quaas M**

Schmidt V, Brück K: Effect of a precooling maneuver on body temperature and exercise performance. J Appl Physiol 1981 Apr; 50(4):772-8

Schmidtbleicher D, Haralambie G: Changes in contractile properties of muscle after strength training in man. Eur J Applied Physiol 1981;46(3):221-8

Schmitt HE see **Pfisterer M**

Schmitt WM see **Kindermann W**

Schmitter JL see **Paradise NF**

Schneider SH see **Ruderman NB**

Schoeffel RE see **Anderson SD**

Schoene RB, Robertson HT, Pierson DJ, et al: Respiratory drives and exercise in menstrual cycles of athletic and nonathletic women. J Appl Physiol 1981 Jun;50(6):1300-5

Schoscheim P see **Yost JG**

Schteingart DE: The medical management of obesity. Mich Med 1981 Jun;80(17):322-4

Schwab GH see **Cain TE**

Schwalb H, Smasal V: Beurteilung der kardiopulmonalen Leistungsfähigkeit mit ergospirometrischen Parametern bei einer Leistung von 1 W/kg Körpergewicht. Fortschr Med 1981 Aug 13;99(30):1196-201 (Eng. Abstr.) **(Ger)**

Schwartz GE, Weinberger DA, Singer JA: Cardiovascular differentiation of happiness, sadness, anger, and fear following imagery and exercise. Psychosom Med 1981 Aug;43(4):343-64

Schwartzbach AL see **Hammer A**

Sciaraffa D see **Greenleaf JE**

Scott DG, Ring EF, Bacon PA: Problems in the assessment of disease activity in ankylosing spondylitis. Rheumatol Rehabil 1981 May;20(2):74-80

Scott V, Gijsbers K: Pain perception in competitive swimmers. Br Med J [Clin Res] 1981 Jul 11;283(6248):91-3

Sebban C, Berthaux P, Lenoir H, et al: Arterial compliance, systolic pressure and heart rate in elderly women at rest and on exercise. Gerontology 1981;27(5):271-80

Seebacher C see **Mühlhauser I**

Seebacher C see **Schernthaner G**

Segal BL see **Hakki AH**

Segal BL see **Iskandrian AS**

Segev U, Schlesinger Z: Rehabilitation of patients after acute myocardial infarction- an interdisciplinary, family-oriented program. Heart Lung 1981 Sep-Oct;10(5):841-7

Seidel CL see **Michael LH**

Seidel U: Psychodrama und Körperarbeit. Prax Kinderpsychol Kinderpsychiatr 1981 Jul;30(5):154-9 (Eng. Abstr.) **(Ger)**

Seider MJ see **Tucker KR**

Selner JC, Staudenmayer H: Parents' subjective evaluation of a self-help education-exercise program for asthmatic children and their parents. J Asthma Res 1979 Oct;17(1):13-22

Selwyn AP see **Fox KM**

Semon RL, Spengler D: Significance of lumbar spondylolysis in college football players. Spine 1981 Mar-Apr;6(2):172-4

Senator M: Why sliding seats and short stroke intervals are used for racing shells. J Biomech Eng 1981 Aug;103(3):151-9

Sengers RC see **Ruitenbeek W**

Senn E see **Gerber C**

Sera G see **Banaudi C**

Seres JL, Painter JR, Newman RI: Multidisciplinary treatment of chronic pain at the Northwest Pain Center. Natl Inst Drug Abuse Res Monogr Ser 1980;36:41-65

Sergeev IuP see **Kondalenko VF**

Sergio G see **Perego MA**

Servera E see **Gimenez M**

Shaffer AJ see **Cassidy RE**

Shangold MM, Gatz ML, Thysen B: Acute effects of exercise on plasma concentrations of prolactin and testosterone in recreational women runners. Fertil Steril 1981 Jun;35(6):699-702

Shapiro A, Mazouz B, Caine M: The alpha-adrenergic blocking effect of prazosin on the human prostate. Urol Res 1981 Mar 17;9(1):17-20

Shapiro CM: Sleep and the athlete. Br J Sports Med 1981 Mar; 15(1):51-5

Shapiro GG, McPhillips JJ, Smith K, et al: Effectiveness of terbutaline and theophylline alone and in combination in exercise-induced bronchospasm. Pediatrics 1981 Apr; 67(4):508-13

Shapiro Y, Avellini BA, Toner MM, et al: Modification of the Monark bicycle ergometer for underwater exercise. J Appl Physiol 1981 Mar;50(3):679-83

Sharman IM: Glycogen loading: advantages but possible disadvantages. Br J Sports Med 1981 Mar;15(1):64-7

Shea CH, Ashby AA: Modifications to the Bassin anticipation timer. Res Q Exerc Sport 1981 May;52(2):278-80

Shephard RJ, Kavanagh T, Kennedy J, et al: Prognosis in myocardial infarction--the benefits of exercise as seen in non-randomised trials. Br J Sports Med 1981 Mar;15(1):6-16

Shephard RJ see **Rodriguez CH**

Shepherd JT see **Rorie DK**

Sheppard D, Nadel JA, Boushey HA: Inhibition of sulfur dioxide-induced bronchoconstriction by disodium cromoglycate in asthmatic subjects. Am Rev Respir Dis 1981 Sep;124(3):257-9

Sherk HH, Watters WC: Neck injuries in football players. J Med Soc NJ 1981 Aug;78(9):579-83

Sherman AR see **Ruckman KS**

Sherman D see **Greenstein A**

Sherman D see **Melamed Y**

Sherman WM see **Costill DL**

Shevchenko OP, Khafizov RM, Sidorenko BA: Izmenenie élektro- i ékhokardiogramm vo vremia anginoznogo pristupa pri farmakologicheskoi probe s érgometrinom. Kardiologiia 1981 Jun;21(6):62-7 (Eng. Abstr.) **(Rus)**

Shevchenko OP see **Gasilin VS**

Shimodan M, Sunano S: The initiation of phasic and tonic contraction by potassium and the effect of calcium, multivalent cations and Ca-antagonist on potassium contracture in guinea-pig vas deferens. Jpn J Physiol 1981;31(1):15-27

Shinbaeva NA see **Savvateev KL**

Shipp T, Izdebski K: Current evidence for the existence of laryngeal macrotremor and microtremor. J Forensic Sci 1981 Jul; 26(3):501-5

Shirvinskaia MA see **Oganov VS**

Shlykova NA see **Furkalo NK**

Shmeleva AM see **Breslav IS**

Shmerling MD, Filiushina EE, Buzueva II: Izmeneniia ul'trastruktury skeletnykh myshechnykh volokon pod vliianiem ostrogo fizicheskogo napriazheniia. Arkh Anat Gistol Embriol 1981 Feb;80(2):43-9 (Eng. Abstr.) **(Rus)**

Shoenfeld Y see **Keren G**

Shvartz E see **Greenleaf JE**

Sidhu LS see **Kansal DK**

Sidorenko BA see **Shevchenko OP**

Sigurdsson SB, Grampp W: The effect of hypoxia on mechanical and electrical properties of smooth muscle from the rat portal vein. Pflugers Arch 1981 Jul;391(1):44-8

Sigurdsson SB see **Ornhagen HC**

Sigwart U see **Grbic M**

PHYSICAL FITNESS/SPORTS MEDICINE

Silke B, Hilal A, Taylor SH: Haemodynamic dose-response effects of intravenous oxprenolol in coronary heart disease. J Cardiovasc Pharmacol 1981 Jul-Aug;3(4):716-27
Sime WE see **Folkins CH**
Simon G see **Bachl N**
Simon SR see **Patriarco AG**
Simonetti I see **Brunelli C**
Simonka JA see **Jókai I**
Simons J see **Beunen G**
Singer JA see **Schwartz GE**
Sinha SC see **Edixhoven P**
Sinniger M, Blanchard P: Controlled clinical trial with Fentiazac cream in sport microtraumatology. J Int Med Res 1981;9(4):300-2
Sipkema P see **Versteeg PG**
Sivarajan ES, Bruce RA, Almes MJ, et al: In-hospital exercise after myocardial infarction does not improve treadmill performance. N Engl J Med 1981 Aug 13;305(7):357-62
Sjöström M see **Fridén J**
Skerritt JH, Trisdikoon P, Johnston GA: Increased GABA binding in mouse brain following acute swim stress. Brain Res 1981 Jun 29;215(1-2):398-403
Sketch MH, Mooss AN, Butler ML, et al: Digoxin-induced positive exercise tests: their clinical and prognostic significance. Am J Cardiol 1981 Oct;48(4):655-9
Skrinar GS see **Carr DB**
Skuratova SA see **Oganov VS**
Slinkard LA see **Coates TJ**
Slosky DA, Hindman MC, Peter RH, et al: Effects of oral hydralazine on rest and exercise hemodynamics in patients with aortic or mitral regurgitation and left ventricular dysfunction. Clin Cardiol 1981 Jul-Aug;4(4):162-7
Smasal V see **Schwalb H**
Smíd J, Kučera M, Kubín Z: Vliv izometrické zátěže na změny vybraných hemodynamických ukazatelu. Vnitr Lek 1981 Jun; 27(6):548-56 (Eng. Abstr.) **(Cze)**
Smith A see **Larson CR**
Smith A see **Zimmermann GN**
Smith AL see **McGraw BF**
Smith DR see **Elamin MS**
Smith EE see **Jones CE**
Smith K see **Conroy RW**
Smith K see **Shapiro GG**
Smith MG see **Hagan RD**
Smith MJ, Melton P: Isokinetic versus isotonic variable-resistance training. Am J Sports Med 1981 Jul-Aug;9(4):275-9
Smith NJ: Nutrition and athletic performance. Med Times 1981 Aug;109(8):92-107
Smith VE see **Karimeddini MK**
Smythe HA see **Helewa A**
Snyder RB, Lipscomb AB, Johnston RK: The relationship of tarsal coalitions to ankle sprains in athletes. Am J Sports Med 1981 Sep-Oct;9(5):313-7
Sobolski J see **De Backer G**
Sobolski J see **Stoupel E**
Sobue G, Matsuoka Y, Mukai E, et al: Pathology of myelinated fibers in cervical and lumbar ventral spinal roots in amyotrophic lateral sclerosis. J Neurol Sci 1981 Jun;50(3):413-21
Sollecito A see **Ghilardi P**
Somma T see **Williams MH**
Sonnenblick EH see **Capasso JM**
Sorenson K see **Tennant FS Jr**
Sorokin AP, Kochetkov AG: Morfofunktsional'nye ékvivalenty sistemy gipofiz-nadpochechniki pri narushenii integratsii kardiorespiratornogo apparata. Arkh Anat Gistol Embriol 1981 May;80(5):73-8 (Eng. Abstr.) **(Rus)**
Sorokin AP, Kochetov AG: Reaktsiia elementov gipofiza i nadpochechnikov pri sostoianii integratsii kardiorespiratornykh sistem organizma. Arkh Anat Gistol Embriol 1981 Apr; 80(4):67-72 (Eng. Abstr.) **(Rus)**
Soshenkova GV: Diagnostika i lechenie obstrenii khronicheskogo bronkhita s bronkhoéktazami. Sov Med 1981;(5):24-8 (Eng. Abstr.) **(Rus)**
Spadaccini F see **Marra S**
Sparks JP: Half a million hours of rugby football. The injuries. Br J Sports Med 1981 Mar;15(1):30-2
Spath WK see **LaFontaine TP**
Spector SL, Chai H: Bronchial exercise and oral challenge procedures. Bull NY Acad Med 1981 Sep;57(7):572-81
Speden RN see **Klemt P**
Spengler D see **Semon RL**
Sperling L: Evaluation of upper extremity function in 70-year-old men and women. Scand J Rehabil Med 1980;12(4):139-44
Sperling L see **Aniansson A**
Speroff L: Getting high on running. Fertil Steril 1981 Aug; 36(2):149-51
Spiessl B see **Junier N**
Spiker DD see **Ostrow AC**
Spiller P see **Jehle J**
Spiro SG, Dowdeswell IR, Clark TJ: An analysis of submaximal exercise responses in patients with sarcoidosis and fibrosing alveolitis. Br J Dis Chest 1981 Apr;75(2):169-80
Spodick DH: Reproducibility of exercise testing [letter] Circulation 1981 Oct;64(4):868
Stafford DE, Petrofsky JS: Interactions between fatiguing and nonfatiguing isometric contractions. J Appl Physiol 1981 Aug; 51(2):399-404
Staniloff H see **Freeman MR**
Stanitski CL see **Micheli LJ**
Stanley G see **Ramshaw JE**
Stark H see **Bräunlich A**
Starling MR, Crawford MH, Richards KL, et al: Predictive value of early postmyocardial infarction modified treadmill exercise testing in multivessel coronary artery disease detection. Am Heart J 1981 Aug;102(2):169-75 **(eng)**
Staron RS, Hagerman FC, Hikida RS: The effects of detraining on an elite power lifter. A case study. J Neurol Sci 1981 Aug; 51(2):247-57
Starr TW see **Kegel B**
Staudenmayer H see **Selner JC**
Staudte HW: Die innere Mechanik der Muskulatur, theoretische Untersuchungen normaler und atrophischer Muskeln. Z Orthop 1981 Jun;119(3):266-76 (Eng. Abstr.) **(Ger)**
Stearns DR, McFadden ER Jr, Breslin FJ, et al: Reanalysis of the refractory period in exertional asthma. J Appl Physiol 1981 Mar; 50(3):503-8
Steben AH see **Steben RE**
Steben RE, Steben AH: The validity of the stretch shortening cycle in selected jumping events. J Sports Med Phys Fitness 1981 Mar; 21(1):28-37
Steele PB see **Maroon JC**
Steffen RP see **McKenzie JE**
Stehouwer DJ, Farel PB: Sensory interactions with a central motor program in enuran larvae. Brain Res 1981 Aug 10; 218(1-2):131-40
Stejfa M see **Bravený P**
Stephens JA see **Garnett R**
Stern MJ, Cleary P: National Exercise and Heart Disease Project. Psychosocial changes observed during a low-level exercise program. Arch Intern Med 1981 Oct;141(11):1463-7
Stewart JH: Exercise and rehabilitation in dialysis patients. Med J Aust 1981 Jun 13;1(12):610-1
Stewart OJ, Peat M, Yaworski GR: Influence of resistance, speed of movement, and forearm position on recruitment of the elbow flexors. Am J Phys Med 1981 Aug;60(4):165-79
Steyer M, Gebhard K, Heidenreich J: Körperliche Belastung während Tokolyse vorzeitiger Wehentätigkeit. Z Geburtshife Perinatol 1981 Apr;185(2):89-93 (Eng. Abstr.) **(Ger)**
Stippig J see **Berg A**
Stoboy H see **von Nettelhorst H**
Stone HL see **Dormer KJ**
Storli O see **Tysvaer A**
Stoupel E, Thirion M, Sobolski J, et al: Evaluation indirecte de l'insuffisance coronaire d'effort. Analyse automatique et traditionnelle du segment ST de l'amplitude de l'onde R et de la scintigraphic au thallium. Ann Cardiol Angeiol (Paris) 1981 May;30(3):207-10 (Eng. Abstr.) **(Fre)**
Strobeck JE see **Capasso JM**
Subrahmanyam M, Date VN, Samant NA, et al: Bicycle injuries in children. J Indian Med Assoc 1980 Dec;75(11-12):220-1
Sudoł M see **Mazur B**
Sudzilovski PV: Morphological criteria of adaptation of the osseous system to increased physical loading. Folia Morphol (Praha) 1981;29(3):209-12
Sugiyama Y see **Harada M**
Sunano S see **Shimodan M**
Surmitis JM see **Paradise NF**
Sutherland WH, Woodhouse SP, Williamson S, et al: Decreased and continued physical activity and plasma lipoprotein lipids in previously trained men. Atherosclerosis 1981 Jun;39(3):307-11
Sutherland WH, Woodhouse SP, Heyworth MR: Physical training and adipose tissue fatty acid composition in men. Metabolism 1981 Sep;30(9):839-44
Sutton JR, Jones NL, Toews CJ: Effect of PH on muscle glycolysis during exercise. Clin Sci 1981 Sep;61(3):331-8
Sutton JR: Drugs used in metabolic disorders. Med Sci Sports Exerc 1981;13(4):266-71 (31 ref.)
Sutton JR see **Sargeant AJ**
Svärdsudd K, Wedel H, Wilhelmsen L: Factors associated with the initial blood pressure level and with the subsequent blood pressure increase in a longitudinal population study. The study of men born in 1913. Eur Heart J 1980 Oct;1(5):345-54
Svendsen TL see **Hartling OJ**
Swanson A see **Cracchiolo A 3d**
Swanson GD see **Cracchiolo A 3d**
Sweeney GD: Drugs--some basic concepts. Med Sci Sports Exerc 1981;13(4):247-51
Sweetser ER see **Marcus NA**
Swett JE see **Massion J**
Swynghedauw B see **Lacombe G**

PHYSICAL FITNESS/SPORTS MEDICINE

Sylvester JT, Cymerman A, Gurtner G, et al: Components of alveolar-arterial O2 gradient during rest and exercise at sea level and high altitude. J Appl Physiol 1981 Jun;50(6):1129-39
Sypert GW, Munson JB: Basis of segmental motor control: motoneuron size or motor unit type? Neurosurgery 1981 May; 8(5):608-21 (89 ref.)
Szeberényi S see **Frenkl R**

T

Takahashi N see **Sato I**
Takahashi Y, Matsuzaki M, Naito H, et al: [Exercise echocardiography: interventricular septal thickness and motion in patients with effort angina during ergometer exercise (author's transl)] J Cardiogr 1981 Mar;11(1):67-78 (Eng. Abstr.) **(Jpn)**
Takahashi Y see **Naito H**
Taktuk EE: Vliianie faktorov riska na tolerantnost' k fizicheskoĭ nagruzke u bol'nykh khronicheskoĭ ishemicheskoĭ bolezn'iu serdtsa. Vrach Delo 1981;(4):71-4 (Eng. Abstr.) **(Rus)**
Tallarida G, Baldoni F, Peruzzi G, et al: Cardiovascular and respiratory reflexes from muscles during dynamic and static exercise. J Appl Physiol 1981 Apr;50(4):784-91
Tamaki H: [Evaluation of myocardial contractility in healthy elderly men by dynamic exercise echocardiography (author's transl)] Nippon Ronen Igakkai Zasshi 1981 Mar;18(2):88-96 (Eng. Abstr.) **(Jpn)**
Tan EC see **Kim SW**
Tan ST see **Brady AJ**
Tanaka M, Matsui J, Tochihara Y, et al: [Effects on the manual function of men wearing cold-protective clothing to cold stress (author's transl)] Sangyo Igaku 1981 Jan;23(1):72-8 (Eng. Abstr.) **(Jpn)**
Tantschev KS, Koltschev HB: EEG-Audiometrie unter hyperbaren Bedingungen. Laryngol Rhinol Otol (Stuttg) 1980;59(12):834-9 (Eng. Abstr.) **(Ger)**
Tanzi P see **Ghilardi P**
Tappel AL see **Gee DL**
Tari MG see **Ferro G**
Taylor A see **Harrison PJ**
Taylor AW see **Lavoie JM**
Taylor CR see **Goldberg MB**
Taylor DL see **Lanni F**
Taylor GJ see **Berger BC**
Taylor R, McDonald M, Russ G, et al: Vibrio alginolyticus peritonitis associated with ambulatory peritoneal dialysis. Br Med J [Clin Res] 1981 Jul 25;283(6286):275
Taylor SH see **Silke B**
Tennant FS Jr, Sorenson K, Day CM: Benefits of preparticipation sports examinations. J Fam Pract 1981 Aug;13(2):287-8
Tennstedt D, Lachapelle JM: Windsurfer dermatitis from black rubber components. Contact Dermatitis 1981 May;7(3):160-1
Teo KK see **Horgan JH**
Thiele H see **Bräunlich A**
Thirion M see **Stoupel E**
Thomas D see **Keagy BA**
Thomas DP, Fregin GF: Cardiorespiratory and metabolic responses to treadmill exercise in the horse. J Appl Physiol 1981 Apr; 50(4):864-8
Thomas TR see **Cink RE**
Thomson RW see **Humphrey SM**
Thornbury KD see **McHale NG**
Thornton E see **Glencross D**
Thysen B see **Shangold MM**
Tibbits GF, Nagatomo T, Sasaki M, et al: Cardiac sarcolemma: compositional adaptation to exercise. Science 1981 Sep 11; 213(4513):1271-3
Tibone JE, Lombardo SJ: Bilateral fractures of the inferior poles of the patellae in a basketball player. Am J Sports Med 1981 Jul-Aug;9(4):215-6
Timmis AD, Latkin JE, Fenney LJ, et al: Comparison of dipyridamole and treadmill exercise for enhancing thallium-201 perfusion defects in patients with coronary artery disease. Eur Heart J 1980 Aug;1(4):275-80
Tipton CM see **Murphy RD**
Tipton CM see **Vailas AC**
Tochihara Y see **Tanaka M**
Toews CJ see **Sutton JR**
Togawa K, Konno A, Hoshino T, et al: Respiratory function during physical exercise in normal and obstructed noses. Arch Otorhinolaryngol 1981;232(1):1-10
Tolkacheva NV, Bagdasar'ian SN, Efimenko AM, et al: Osobennosti transportnoĭ funktsii al'bumina syvorotki krovi pri fizicheskikh nagruzkakh. Ukr Biokhim Zh 1981 Jul-Aug;53(4):26-9 (Eng. Abstr.) **(Rus)**
Toner MM see **Shapiro Y**
Tooley M see **Balfour-Lynn L**
Tornheim K see **Aragón JJ**
Toss L see **Krotkiewski M**
Townsend ER see **Phillipson EA**
Trap-Jensen J see **Hartling OJ**
Trapani A, Matsuki N, Abel PW, et al: Norepinephrine produces tension through electromechanical coupling in rabbit ear artery. Eur J Pharmacol 1981 Jun 10;72(1):87-91
Trembath PW see **Phillips MJ**
Trijbels JM see **Ruitenbeek W**
Trisdikoon P see **Skerritt JH**
Trojnar R, Rymar B, Markiewicz M: Wpływ wysiłku izometrycznego (handgrip) na czynność lewej komory ocenianą metodą ultrasonokardiografii u chorych z dusznicą bolesną. Kardiol Pol 1981;24(6):439-44 (Eng. Abstr.) **(Pol)**
Truchot JP: L'équilibre acido-basique extracellulaire et sa régulation dans les divers groupes animaux. J Physiol (Paris) 1981;77(4-5):529-80 (397 ref.) (Eng. Abstr.) **(Fre)**
Trzenschik K, Lindenhayn K, Mühlbach R, et al: Zum Einfluss von D-Penicillamin auf der Kollagenstoffwechsel - Reissfestikeitsuntersuchungen an Schwanzsehnen verschieden alter Ratten. ZFA (Dresden) 1980;35(4):297-301 (Eng. Abstr.) **(Ger)**
Tsirkin VI see **Bordunovskaia VP**
Tsyv'ian PB see **Markhasin VS**
Tubau JF: Exercise testing with multiple leads in patients with and without previous myocardial infarction. West J Med 1981 Aug;135(2):109-12
Tucker KR, Seider MJ, Booth FW: Protein synthesis rates in atrophied gastrocnemius muscles after limp immobilization. J Appl Physiol 1981 Jul;51(1):73-7
Turina M see **Kappenberger L**
Turner TJ: Obesity in children and adolescents. JDBP 1980 Mar; 1(1):43-7
Tyler M: Doctor don't run, walk for your health. Tic 1981 Jul; 40(7):11, 14
Tyner CF see **Wylie RM**
Tysvaer A, Storli O: Association football injuries to the brain. A preliminary report. Br J Sports Med 1981 Sep;15(3):163-6

U

Uher M see **Ogielska E**
Underkofler S see **van Beaumont W**
Unger KM see **Bradley BL**
Upton DE see **Wilcox AR**
Usov DV: Opyt lecheniia slozhnykh dlia ustraneniia pakhovykh gryzh po metodike avtora. Vestn Khir 1981 Apr;126(4):61-4 (Eng. Abstr.) **(Rus)**
Uthurralt N, Davies GJ, Parodi O, et al: Comparative study of myocardial ischemia during angina at rest and on exertion using thallium-201 scintigraphy. Am J Cardiol 1981 Sep;48(3):410-7
Uyanga DP see **Mathur DN**

V

Vailas AC, Tipton CM, Matthes RD, et al: Physical activity and its influence on the repair process of medial collateral ligaments. Connect Tissue Res 1981;9(1):25-31
Vailas AC see **Murphy RD**
Valiant JJ see **Valliant PM**
Valle M see **Frick MH**
Valle R see **Carbonin PU**
Valliant PM, Bennie FA, Valiant JJ: Do marathoners differ from joggers in personality profile: a sports psychology approach. J Sports Med Phys Fitness 1981 Mar;21(1):62-7
Valmassy RL see **Blake RL**
van Beaumont S see **van Beaumont W**
van Beaumont W, Underkofler S, van Beaumont S: Erythrocyte volume, plasma volume, and acid-base changes in exercise and heat dehydration. J Appl Physiol 1981 Jun;50(6):1255-62
van den Berg J see **Barendsen GJ**
Vander Tuig JG, Flynn AM, Romsos DR: Ventromedial hypothalamic lesions reduce the number of NA+, K+-ATPase enzyme units in skeletal muscle of weanling rats. Proc Soc Exp Biol Med 1981 Sep;167(4):475-9
van Eenige MJ see **de Feyter PJ**
Van Houtem J see **Lulofs R**
Vanhoutte PM, Collis MG, Janssens WJ, et al: Calcium dependence of prejunctional inhibitory effects of adenosine and acetylcholine on adrenergic neurotransmission in canine saphenous veins. Eur J Pharmacol 1981 Jun 19;72(2-3):189-98
Van Thiem N see **Lacombe G**
Varagic VM see **Prostran M**
Vecchiet L see **Data PG**
Verma SK see **Kansal DK**
Versteeg PG, Sampurno SB, Sipkema P, et al: Control of cardiac output in exercising dogs using different types of workload. Cardiovasc Res 1981 Mar;15(3):151-8
Vetter WL see **Krackow KA**
Viberti G, Pickup JC, Bilous RW, et al: Correction of exercise-induced microalbuminuria in insulin-dependent diabetics after 3 weeks of subcutaneous insulin infusion.

Diabetes 1981 Oct;30(10):818-23

Vienola P see **Puska P**

Vihko V see **Salminen A**

Vikhruk TI: Izmenenie struktury i kletochnogo sostava pakhovykh limfaticheskikh uzlov belykh krys pod vliianiem dinamicheskoĭ i staticheskoĭ nagruzok. Arkh Anat Gistol Embriol 1981 May; 80(5):23-30 (Eng. Abstr.) **(Rus)**

Villalón E see **Román O**

Villanacci JF see **Katch VL**

Villanueva L see **Casanueva F**

Vinnitskiĭ AR, Krishchuk AA: Dopolnitel'nye kriterii narusheniia tserebral'noĭ gemodinamiki, limitiruiushchie fizicheskuiu nagruzku u bol'nykh gipertonicheskoĭ bolezn'iu. Vrach Delo 1981 May;(5):63-7 (Eng. Abstr.) **(Rus)**

Vinter RI see **Rezviakov NP**

Vitti M see **De Freitas V**

Vizinová H: Stav oběhového systemu u turistu--účastniku dálkových pochodu ve věky 40-67 let. Vnitr Lek 1981 Aug; 27(8):779-85 (Eng. Abstr.) **(Cze)**

Vlček J: Náhlá příhoda břišní vzniklá při skoku do vody. Rozhl Chir 1981 Jun;60(6):408-10 (Eng. Abstr.) **(Cze)**

Vogel C: Use of phenylbutazone in competitions. Vet Rec 1981 Mar 21;108(12):248,

Volkov VS, Pozdniakov IuM: Fizicheskaia rabotosposobnost' v izometricheskom i dinamicheskom rezhimakh u bol'nykh stenokardieĭ i neĭrotsirkuliatornoĭ distonieĭ po kardial'nomu tipu. Kardiologiia 1981 Apr;21(4):26-9 (Eng. Abstr.) **(Rus)**

von Nettelborst H, Stoboy H: Storage of biological events by means of a phase locked loop system. J Sports Med Phys Fitness 1981 Mar;21(1):43-8

Vorob'ev AT, Zmanovskiĭ YuF, Chudinovskikh AV: Electrical activity of the heart in boys aged 10-12 years during running. Hum Physiol 1980 Nov-Dec;6(6):449-54

Vygodin VA see **Savvateev KL**

Vyvyan B see **MacLellan GE**

W

Wade CE, Dressendorfer RH, O'Brien JC, et al: Renal function, aldosterone, and vasopressin excretion following repeated long-distance running. J Appl Physiol 1981 Apr;50(4):709-12

Wade CE see **Dressendorfer RH**

Wagner S see **Dunn RF**

Wagner U see **Priebe U**

Waldrop JI, Norwood LA, Alvarez RG: Lateral roentgenographic projections of the acromioclavicular joint. Am J Sports Med 1981 Sep-Oct;9(5):337-41

Walkden L: Immediate management of injuries. Br J Sports Med 1981 Mar;15(1):68-70

Walmsley B, Proske U: Comparison of stiffness of soleus and medial gastrocnemius muscles in cats. J Neurophysiol 1981 Aug; 46(2):250-9

Walsh TJ see **Reilly T**

Ware BR see **Lanni F**

Warren RF see **Reider B**

Warriner S see **Rather RJ**

Wasserman K: Physiology of gas exchange and exertional dyspnoea. Clin Sci 1981 Jul;61(1):7-13 (21 ref.)

Wasserman K, Whipp BJ, Davis JA: Respiratory physiology of exercise: metabolism, gas exchange, and ventilatory control. Int Rev Physiol 1981;23:149-211 (211 ref.)

Wasserman K see **Oren A**

Watanabe K: Skiing research in Japan. Med Sci Sports Exerc 1981; 13(3):205-9

Watanabe K, Bhargava V, Froelicher VF: The relationship between exercise-induced R wave amplitude changes and QRS vector loops. J Electrocardiol 1981;14(2):129-38

Waterlow JC, Jackson AA: Nutrition and protein turnover in man. Br Med Bull 1981 Jan;37(1):5-10 (35 ref.)

Watkins M see **Patton RW**

Watson DD see **Berger BC**

Watson HK see **Metcalf JA**

Watters WC see **Sherk HH**

Webb JN see **Martyn C**

Webbon B, Montgomery L, Miller L, et al: A comparison of three liquid-ventilation cooling garments during treadmill exercise. Aviat Space Environ Med 1981 Jul;52(7):408-15

Weber KT, Andrews V, Kinasewitz GT, et al: Vasodilator and inotropic agents in treatment of chronic cardiac failure: clinical experience and response in exercise performance. Am Heart J 1981 Sep;102(3 Pt 2):569-77 (32 ref.)

Wedel H see **Svärdsudd K**

Weinberger DA see **Schwartz GE**

Weise DJ see **Priest JD**

Weld FM, Chu KL, Bigger JT Jr, et al: Risk stratification with low-level exercise testing 2 weeks after acute myocardial infarction. Circulation 1981 Aug;64(2):306-14

Wells CL, Hecht LH, Krahenbuhl GS: Physical characteristics and oxygen utilization of male and female marathon runners. Res Q Exerc Sport 1981 May;52(2):281-5

Wells RP see **Winter DA**

Weltman A, Katch V: Comparison of hydrostatic weighing at residual volume and total lung capacity. Med Sci Sports Exerc 1981;13(3):210-3

Wenger NK: Exercise prescription. Singapore Med J 1981 Apr; 22(2):68-75 (66 ref.)

Wennekens R see **Lulofs R**

Wesseldine S see **Williams MH**

Wesselius TR see **Neijens HJ**

Westerman RA see **Bagust J**

Whipp BJ see **Wasserman K**

White MK see **Martin RB**

White MK see **Yeater RA**

Widjaja A see **Dahlmann B**

Wieling W, Borghols EA, Hollander AP, et al: Echocardiographic dimensions and maximal oxygen uptake in oarsmen during training. Br Heart J 1981 Aug;46(2):190-5

Wilcox AR, Upton DE, Clarkson PM, et al: Adipose cell size of distance runners before and after a 23 mile run. J Sports Med Phys Fitness 1981 Mar;21(1):1-6

Wiler-Ravell D see **Melamed Y**

Wilhelmsen L see **Svärdsudd K**

Wilkinson G: How to keep fit and trim. Australas Nurses J 1981 Apr;10(4):22-4

Wilkinson RH see **Fernbach SK**

Willerson JT, Dehmer GJ: Exercise stress laboratories in the future. What should their capabilities be? [editorial] Chest 1981 Jul; 80(1):1-2

Williams BJ, Droge MH, Hester K, et al: Induction of swimming in the high spinal stingray by L-DOPA. Brain Res 1981 Sep 7;220(1):208-13

Williams MH, Wesseldine S, Somma T, et al: The effect of induced erythrocythemia upon 5-mile treadmill run time. Med Sci Sports Exerc 1981;13(3):169-75

Williams PT: Ethnic aspects of boxing and the ringside physician. J Med Soc NJ 1981 Sep;78(10):654-6

Williamson S see **Sutherland WH**

Willson GN see **Chung DY**

Willson JR see **Nemiroff MJ**

Wilson DM see **Houston ME**

Wilson JR, Ferraro N: Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure. Effect on metabolic responses to submaximal exercise. Am J Med 1981 Oct;71(4):627-33

Wilson VE, Bird EI: Effects of relaxation and/or biofeedback training upon hip flexion in gymnasts. Biofeedback Self Regul 1981 Mar;6(1):25-34

Wiltse LL see **Jackson DW**

Winter DA, Wells RP, Orr GW: Errors in the use of isokinetic dynamometers. Eur J Applied Physiol 1981;46(4):397-408

Winter DA: Overall principle of lower limb support during stance phase of gait. J Biomech 1980;13(11):923-7

Wise MD see **Omar R**

Witt S see **Ratzmann KP**

Wocial B see **Zukowska-Grójec Z**

Wohlfart B see **Khan AR**

Wójcik EJ see **Ziołkowski L**

Wójcik EM see **Ziołkowski L**

Wójcikowska J see **Bargiel Z**

Wolfe SM, Behrman M: Heat stroke and community runs [letter] Br Med J [Clin Res] 1981 Jun 20;282(6281):2060

Wolff CB see **Lim M**

Wolff L see **Dunn RF**

Wollschläger H see **Löllgen H**

Wolthius RA see **Hull DH**

Woo SL, Gomez MA, Amiel D, et al: The effects of exercise on the biomechanical and biochemical properties of swine digital flexor tendons. J Biomech Eng 1981 Feb;103(1):51-6

Woodhouse SP see **Sutherland WH**

Wright ML: Biorhythms and sports. J Sports Med Phys Fitness 1981 Mar;21(1):74-80

Wu D, Kou HC, Hung JS: Exercise-triggered paroxysmal ventricular tachycardia. A repetitive rhythmic activity possibly related to afterdepolarization. Ann Intern Med 1981 Oct; 95(4):410-4

Wu YC see **Parhad A**

Wybitul K see **Lehmann M**

Wylie RM, Tyner CF: Weight-lifting by normal and deafferented monkeys: evidence for compensatory changes in ongoing movements. Brain Res 1981 Aug 24;219(1):172-7

Y

Yaffé M: The contribution of clinical psychology to sports medicine. Br J Sports Med 1981 Mar;15(1):60-3

Yamamoto K, Odagiri M: Discharge pattern differences between cat interpositus and dentate neurons during isometric lever pressing. Exp Brain Res 1981;43(1):104-6

PHYSICAL FITNESS/SPORTS MEDICINE

Yashchaninas II see **Saplinskas JS**

Yates C, Grana WA: Adaptation of prepubertal children to exercise. J Okla State Med Assoc 1981 Jun;74(6):173-7 (35 ref.)

Yaworski GR see **Stewart OJ**

Yeater RA, Martin RB, White MK, et al: Tethered swimming forces in the crawl, breast and back strokes and their relationship to competitive performance. J Biomech 1981;14(8):527-37

Yeater RA see **Martin RB**

Yoshida T, Nagata A, Muro M, et al: The validity of anaerobic threshold determination by a Douglas bag method compared with arterial blood lactate concentration. Eur J Applied Physiol 1981; 46(4):423-30

Yost JG, Chekofsky K, Schoscheim P, et al: Intraarticular iliotibial band reconstruction for anterior cruciate ligament insufficiency. Am J Sports Med 1981 Jul-Aug;9(4):220-4

Young AJ see **Cymerman A**

Young JL see **Max SR**

Young ML: Comparison of self-concepts of women high school and college tournament basketball players. Res Q Exerc Sport 1981 May;52(2):286-90

Young ML, Cohen DA: Self-concept and injuries among female high school basketball players. J Sports Med Phys Fitness 1981 Mar;21(1):55-61

Yu J, Liu CN, Chambers WW, et al: Effects of exercise on reflexes in paraplegic monkeys. Acta Neurobiol Exp (Warsz) 1981; 41(3):271-7 (7 ref.)

Z

Zager JR see **Berberich SN**

Zambraski EJ, Bober MC, Goldstein JE, et al: Changes in renal cortical sialic acids and colloidal iron staining associated with exercise. Med Sci Sports Exerc 1981;13(4):229-32

Zander E see **Ratzmann KP**

Zander W: Zur Psychodynamik des Morbus Bechterew. Z Psychosom Med Psychoanal 1981 Jul-Sep;27(3):201-15 (Eng. Abstr.) **(Ger)**

Zaret BL see **Berger HJ**

Zavesa PZ, Maslov AI, Okun' AA: Opyt profilaktiki posttravmaticheskogo deformiruiushchego artroza kolennogo sustava u sportsmenov. Ortop Travmatol Protez 1981 Jun; (6):26-8 (Eng. Abstr.) **(Rus)**

Zemánková J see **Dvořák I**

Zemsha NV: Mineral'naia nasyshchennost' kostei kisti podrostkov i iunosheĭ Khabarovska, zanimaiushchikhsia boksom. Arkh Anat Gistol Embriol 1981 May;80(5):12-17 (Eng. Abstr.) **(Rus)**

Zemtsova II see **Kalinskiĭ MI**

Zernicke RF: Biomechanical evaluation of bilateral tibial spiral fractures during skiing--a case study. Med Sci Sports Exerc 1981; 13(4):243-5

Zigon ST see **Kamen G**

Zimmermann GN, Smith A, Hanley JM: Stuttering: in need of a unifying conceptual framework. J Speech Hear Res 1981 Mar; 24(1):25-31

Zinman H, Keret D, Reis ND: Fracture of the medical sesamoid bone of the hallux. J Trauma 1981 Jul;21(7):581-2

Ziołkowski L, Wójcik EM, Wójcik EJ: Badania ergometryczne w pierwszym roku po zawale serca u chorych, którzy zmarli w następnych latach obserwacji. Przegl Lek 1981;38(5):453-7 (Eng. Abstr.) **(Pol)**

Zmanovskii YuF see **Vorob'ev AT**

Zukowska-Grójec Z, Wocial B, Chodakowska J, et al: Metabolism of 3H-catecholamines in the heart and adrenals of spontaneously hypertensive rats (SHR) after running stress. Acta Physiol Pol 1981 Mar-Apr;32(2):159-67

ANONYMOUS

Am J Otol

Doctors' discussion. Am J Otol 1981 Jan;2(3):291-3

Ann Intern Med

Correction: treadmill testing figure [letter] Ann Intern Med 1981 Aug;95(2):246

Aviat Space Environ Med

Decompression sickness [letter] Aviat Space Environ Med 1981 Jul;52(7):421

Br Med J [Clin Res]

Effect of nifedipine on bronchomotor tone and histamine reactivity in asthma [letter] Br Med J [Clin Res] 1981 Sep 19;283(6294):796

J Tenn Med Assoc

Council on scientific affairs report B physician supervised exercise programs in rehabilitation of patients with coronary heart disease. J Tenn Med Assoc 1981 Apr;74(4):250-4

JAMA

Indications and contraindications for exercise testing. JAMA 1981 Aug 28;246(9):1015-8

Medical science team to climb Mt Everest [news] JAMA 1981 Aug 7;246(6):589

Lancet

Aseptic bone necrosis in commercial divers. A report from the Decompression Sickness Central Registry and Radiological Panel. Lancet 1981 Aug 22;2(8243):384-8

Ambulatory blood-pressure [letter] Lancet 1981 Sep 12; 2(8246):587-8

Nutr Rev

Alcohol consumption and high-density lipoprotein cholesterol in marathon runners. Nutr Rev 1981 Aug;39(8):303-4 (12 ref.)

NY State J Med

Sports candidates' questionnaire. NY State J Med 1981 Sep; 81(10):1548-9

Pediatrics

American Academy of Pediatrics: Committee on School Health. School health examinations. Pediatrics 1981 Apr;67(4):576-7

LIST OF SERIALS INDEXED

A

Acta Med Austriaca
ACTA MEDICA AUSTRIACA (VIENNA)

Acta Neurobiol Exp (Warsz)
ACTA NEUROBIOLOGIAE EXPERIMENTALIS (WARSZAWA)

Acta Orthop Scand
ACTA ORTHOPAEDICA SCANDINAVICA (COPENHAGEN)

Acta Paediatr Belg
ACTA PAEDIATRICA BELGICA (BRUXELLES)

Acta Physiol Acad Sci Hung
ACTA PHYSIOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE (BUDAPEST)

Acta Physiol Pharmacol Bulg
ACTA PHYSIOLOGICA ET PHARMACOLOGICA BULGARICA (SOFIA)

Acta Physiol Pol
ACTA PHYSIOLOGICA POLONICA (WARSZAWA)

Acta Physiol Scand
ACTA PHYSIOLOGICA SCANDINAVICA (STOCKHOLM)

Acta Physiol Scand [Suppl]
ACTA PHYSIOLOGICA SCANDINAVICA. SUPPLEMENT (STOCKHOLM)

AJR
AJR. AMERICAN JOURNAL OF ROENTGENOLOGY (BALTIMORE)

Aktuel Traumatol
AKTUELLE TRAUMATOLOGIE (STUTTGART)

Allerg Immunol (Leipz)
ALLERGIE UND IMMUNOLOGIE (LEIPZIG)

Am Correct Ther J
AMERICAN CORRECTIVE THERAPY JOURNAL (REHOBOTH BEACH DE)

Am Fam Physician
AMERICAN FAMILY PHYSICIAN (KANSAS CITY MO)

Am Heart J
AMERICAN HEART JOURNAL (ST LOUIS)

Am Ind Hyg Assoc J
s) AMERICAN INDUSTRIAL HYGIENE ASSOCIATION JOURNAL (DETROIT)

Am J Cardiol
AMERICAN JOURNAL OF CARDIOLOGY (NEW YORK)

Am J Clin Nutr
AMERICAN JOURNAL OF CLINICAL NUTRITION (BETHESDA MD)

Am J Clin Pathol
AMERICAN JOURNAL OF CLINICAL PATHOLOGY (BALTIMORE)

Am J Med
AMERICAN JOURNAL OF MEDICINE (NEW YORK)

Am J Med Genet
AMERICAN JOURNAL OF MEDICAL GENETICS (NEW YORK)

Am J Nurs
AMERICAN JOURNAL OF NURSING (NEW YORK)

Am J Obstet Gynecol
AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY (ST LOUIS)

Am J Optom Physiol Opt
AMERICAN JOURNAL OF OPTOMETRY AND PHYSIOLOGICAL OPTICS (BALTIMORE)

Am J Otol
AMERICAN JOURNAL OF OTOLOGY (NEW YORK)

Am J Phys Med
AMERICAN JOURNAL OF PHYSICAL MEDICINE (BALTIMORE)

Am J Physiol
AMERICAN JOURNAL OF PHYSIOLOGY (BETHESDA MD)

Am J Public Health
AMERICAN JOURNAL OF PUBLIC HEALTH (WASHINGTON)

Am J Sports Med
AMERICAN JOURNAL OF SPORTS MEDICINE (BALTIMORE)

Am J Surg
AMERICAN JOURNAL OF SURGERY (NEW YORK)

Am J Vet Res
AMERICAN JOURNAL OF VETERINARY RESEARCH (CHICAGO)

Am Psychol
s) AMERICAN PSYCHOLOGIST (WASHINGTON)

Am Rev Respir Dis
AMERICAN REVIEW OF RESPIRATORY DISEASE (NEW YORK)

LIST OF SERIALS INDEXED

Anat Anz
ANATOMISCHER ANZEIGER (JENA)

Anat Rec
ANATOMICAL RECORD (NEW YORK)

Angiology
ANGIOLOGY (GREAT NECK NY)

Ann Allergy
ANNALS OF ALLERGY (ST PAUL MN)

Ann Cardiol Angeiol (Paris)
ANNALES DE CARDIOLOGIE ET D ANGEIOLOGIE (PARIS)

Ann Clin Res
ANNALS OF CLINICAL RESEARCH (HELSINKI)

Ann Emerg Med
ANNALS OF EMERGENCY MEDICINE (LANSING MI)

Ann Hum Biol
ANNALS OF HUMAN BIOLOGY (LONDON)

Ann Intern Med
ANNALS OF INTERNAL MEDICINE (PHILADELPHIA)

Arch Dis Child
ARCHIVES OF DISEASE IN CHILDHOOD (LONDON)

Arch E Maragliano Patol Clin
ARCHIVIO E MARAGLIANO DI PATOLOGIA E CLINICA (GENOVA)

Arch Inst Pasteur Tunis
ARCHIVES DE L INSTITUT PASTEUR DE TUNIS (TUNIS)

Arch Int Pharmacodyn Ther
ARCHIVES INTERNATIONALES DE PHARMACODYNAMIE ET DE THERAPIE (GHENT)

Arch Int Physiol Biochim
ARCHIVES INTERNATIONALES DE PHYSIOLOGIE ET DE BIOCHIMIE (LIEGE)

Arch Intern Med
ARCHIVES OF INTERNAL MEDICINE (CHICAGO)

Arch Ital Biol
ARCHIVES ITALIENNES DE BIOLOGIE (PISA)

Arch Neurol
ARCHIVES OF NEUROLOGY (CHICAGO)

Arch Otorhinolaryngol
ARCHIVES OF OTO-RHINO-LARYNGOLOGY (BERLIN)

Arch Phys Med Rehabil
ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION (CHICAGO)

Arkh Anat Gistol Embriol
ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII (LENINGRAD)

Arq Bras Cardiol
ARQUIVOS BRASILEIROS DE CARDIOLOGIA (SAO PAULO)

Arthritis Rheum
ARTHRITIS AND RHEUMATISM (ATLANTA GA)

Arztl Jugendkd
ARZTLICHE JUGENDKUNDE (LEIPZIG)

Atherosclerosis
ATHEROSCLEROSIS (AMSTERDAM)

Aust Fam Physician
AUSTRALIAN FAMILY PHYSICIAN (SYDNEY)

Aust NZ J Med
AUSTRALIAN AND NEW ZEALAND JOURNAL OF MEDICINE (SYDNEY)

Australas Nurses J
AUSTRALASIAN NURSES JOURNAL (PORT ADELAIDE)

Aviat Space Environ Med
AVIATION SPACE AND ENVIRONMENTAL MEDICINE (WASHINGTON)

B

Basic Res Cardiol
BASIC RESEARCH IN CARDIOLOGY (DARMSTADT)

Biochemistry
BIOCHEMISTRY (WASHINGTON)

Biofeedback Self Regul
BIOFEEDBACK AND SELF REGULATION (NEW YORK)

Biofizika
BIOFIZIKA (MOSKVA)

Biokhimiia
BIOKHIMIIA (MOSKVA)

Biol Psychol
BIOLOGICAL PSYCHOLOGY (AMSTERDAM)

Biomater Med Devices Artif Organs
BIOMATERIALS, MEDICAL DEVICES AND ARTIFICIAL ORGANS (NEW YORK)

Biophys J
BIOPHYSICAL JOURNAL (NEW YORK)

Biull Eksp Biol Med
BIULLETEN EKSPERIMENTALNOI BIOLOGII I MEDITSINY (MOSKVA)

Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR
BIULLETEN VSESOIUZNOGO KARDIOLOGICHESKOGO NAUCHNOGO TSENTRA AMN SSSR (MOSKVA)

Boll Soc Ital Biol Sper
BOLLETTINO - SOCIETA ITALIANA BIOLOGIA SPERIMENTALE (NAPOLI)

Boll Soc Ital Cardiol
BOLLETTINO DELLA SOCIETA ITALIANA DI CARDIOLOGIA (ROMA)

Br Heart J
BRITISH HEART JOURNAL (LONDON)

Br J Dis Chest
BRITISH JOURNAL OF DISEASES OF THE CHEST (LONDON)

Br J Hosp Med
BRITISH JOURNAL OF HOSPITAL MEDICINE (LONDON)

Br J Med Psychol
BRITISH JOURNAL OF MEDICAL PSYCHOLOGY (LETCHWORTH ENG)

Br J Sports Med
BRITISH JOURNAL OF SPORTS MEDICINE (LOUGHBOROUGH)

Br Med Bull
BRITISH MEDICAL BULLETIN (LONDON)

Br Med J [Clin Res]
BRITISH MEDICAL JOURNAL [CLINICAL RESEARCH ED.] (LONDON)

Brain
BRAIN (LONDON)

Brain Res
BRAIN RESEARCH (AMSTERDAM)

Bratisl Lek Listy
BRATISLAVSKE LEKARSKE LISTY (BRATISLAVA)

Bull Inst Marit Trop Med Gdynia
BULLETIN OF THE INSTITUTE OF MARITIME AND TROPICAL MEDICINE IN GDYNIA (WARSZAWA)

Bull Menninger Clin
BULLETIN OF THE MENNINGER CLINIC (TOPEKA KS)

LIST OF SERIALS INDEXED

Bull NY Acad Med
BULLETIN OF THE NEW YORK ACADEMY OF MEDICINE (NEW YORK)

Bull Osaka Med Sch
BULLETIN OF THE OSAKA MEDICAL SCHOOL (OSAKA)

C

Can Med Assoc J
CANADIAN MEDICAL ASSOCIATION JOURNAL (OTTAWA)

Cardiology
CARDIOLOGY (BASEL)

Cardiovasc Intervent Radiol
CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY (BERLIN)

Cardiovasc Res
CARDIOVASCULAR RESEARCH (LONDON)

Cas Lek Cesk
CASOPIS LEKARU CESKYCH (PRAHA)

Chest
CHEST (CHICAGO)

Chirurgie
CHIRURGIE (PARIS)

Chronobiologia
CHRONOBIOLOGIA (MILANO)

Circ Res
CIRCULATION RESEARCH (NEW YORK)

Circulation
CIRCULATION (NEW YORK)

Clin Allergy
CLINICAL ALLERGY (OXFORD)

Clin Cardiol
CLINICAL CARDIOLOGY (NEW YORK)

Clin Nephrol
CLINICAL NEPHROLOGY (MUNCHEN)

Clin Neurosurg
CLINICAL NEUROSURGERY (BALTIMORE)

Clin Orthop
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH (PHILADELPHIA)

Clin Pharmacol Ther
CLINICAL PHARMACOLOGY AND THERAPEUTICS (ST LOUIS)

Clin Sci
CLINICAL SCIENCE (LONDON)

Clin Symp
CLINICAL SYMPOSIA (SUMMIT NJ)

Connect Tissue Res
CONNECTIVE TISSUE RESEARCH (LONDON)

Contact Dermatitis
CONTACT DERMATITIS (COPENHAGEN)

Contact Intraocular Lens Med J
CONTACT AND INTRAOCULAR LENS MEDICAL JOURNAL (ST LOUIS)

Cor Vasa
COR ET VASA (PRAGUE)

Curr Concepts Nutr
CURRENT CONCEPTS IN NUTRITION (NEW YORK)

Curr Top Cell Regul
CURRENT TOPICS IN CELLULAR REGULATION (NEW YORK)

D

Diabete Metab
DIABETE ET METABOLISME (PARIS)

Diabetes
DIABETES (NEW YORK)

Diabetologia
DIABETOLOGIA (BERLIN)

Dtsch Med Wochenschr
DEUTSCHE MEDIZINISCHE WOCHENSCHRIFT (STUTTGART)

E

EEG EMG
EEG/EMG (STUTTGART)

Eksp Med Morfol
EKSPERIMENTALNA MEDITSINA I MORFOLOGIIA (SOFIA)

Electromyogr Clin Neurophysiol
ELECTROMYOGRAPHY AND CLINICAL NEUROPHYSIOLOGY (LOUVAIN)

Endokrinologie
ENDOKRINOLOGIE (LEIPZIG)

Environ Res
ENVIRONMENTAL RESEARCH (NEW YORK)

Enzyme
ENZYME (BASEL)

Ergonomics
s) ERGONOMICS (LONDON)

Eur Heart J
EUROPEAN HEART JOURNAL (LONDON)

Eur J Applied Physiol
EUROPEAN JOURNAL OF APPLIED PHYSIOLOGY AND OCCUPATIONAL PHYSIOLOGY (BERLIN)

Eur J Clin Invest
EUROPEAN JOURNAL OF CLINICAL INVESTIGATION (OXFORD)

Eur J Nucl Med
EUROPEAN JOURNAL OF NUCLEAR MEDICINE (HEIDELBURG)

Eur J Pharmacol
EUROPEAN JOURNAL OF PHARMACOLOGY (AMSTERDAM)

Exp Brain Res
EXPERIMENTAL BRAIN RESEARCH (BERLIN)

Exp Neurol
EXPERIMENTAL NEUROLOGY (NEW YORK)

Exp Pathol
EXPERIMENTAL PATHOLOGY (JENA)

Experientia
s) EXPERIENTIA (BASEL)

F

Fertil Steril
FERTILITY AND STERILITY (BIRMINGHAM AL)

Fiziol Zh SSSR
FIZIOLOGICHESKII ZHURNAL SSSR IMENI I. M. SECHENOVA (LENINGRAD)

Folia Histochem Cytochem (Krakow)
FOLIA HISTOCHEMICA ET CYTOCHEMICA (KRAKOW)

Folia Morphol (Praha)
FOLIA MORPHOLOGICA (PRAHA)

Foot Ankle
FOOT AND ANKLE (BALTIMORE)

LIST OF SERIALS INDEXED

Fortschr Med
FORTSCHRITTE DER MEDIZIN (LEIPZIG)

Fysiatr Reumatol Vestn
FYSIATRICKY A REVMATOLOGICKY VESTNIK (PRAHA)

G

G Ital Cardiol
GIORNALE ITALIANO DI CARDIOLOGIA (ROMA)

Gerontology
GERONTOLOGY (BASEL)

Gig Sanit
GIGIENA I SANITARIIA (MOSKVA)

Grudn Khir
GRUDNAIA KHIRURGIIA (MOSKVA)

H

Handchirurgie
HANDCHIRURGIE (ERLANGEN)

Harefuah
HAREFUAH (TEL AVIV)

Hawaii Med J
HAWAII MEDICAL JOURNAL (HONOLULU HI)

Health Educ (Wash)
HEALTH EDUCATION (WASHINGTON)

Heart Lung
HEART AND LUNG (ST LOUIS)

Herz
HERZ (MUNCHEN)

Hokkaido Igaku Zasshi
HOKKAIDO IGAKU ZASSHI. HOKKAIDO JOURNAL OF MEDICAL SCIENCE (HOKKAIDO)

Horm Metab Res
HORMONE AND METABOLIC RESEARCH (STUTTGART)

Hum Physiol
HUMAN PHYSIOLOGY (NEW YORK)

Hypertension
HYPERTENSION (DALLAS TX)

I

Ind Health
INDUSTRIAL HEALTH (KAWASAKI)

Indian J Physiol Pharmacol
INDIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY (NEW DELHI)

Injury
INJURY; BRITISH JOURNAL OF ACCIDENT SURGERY (BRISTOL)

Int J Clin Pharmacol Ther Toxicol
INTERNATIONAL JOURNAL OF CLINICAL PHARMACOLOGY, THERAPY, AND TOXICOLOGY (MUNCHEN)

Int J Health Educ
INTERNATIONAL JOURNAL OF HEALTH EDUCATION (GENEVA)

Int J Obes
INTERNATIONAL JOURNAL OF OBESITY (LONDON)

Int J Rehabil Res
INTERNATIONAL JOURNAL OF REHABILITATION RESEARCH. INTERNATIONALE ZEITSCHRIFT FUR REHABILITATIONSFORSCHUNG. REVUE INTERNATIONALE DE RECHERCHES DE READAPTATION (RHEINSTETTEN)

Int Rev Physiol
INTERNATIONAL REVIEW OF PHYSIOLOGY (BALTIMORE)

J

J Am Coll Health Assoc
JOURNAL OF THE AMERICAN COLLEGE HEALTH ASSOCIATION (EVANSTON IL)

J Am Podiatry Assoc
JOURNAL OF THE AMERICAN PODIATRY ASSOCIATION (WASHINGTON)

J Anim Sci
c) JOURNAL OF ANIMAL SCIENCE (CHAMPAIGN IL)

J Appl Physiol
JOURNAL OF APPLIED PHYSIOLOGY: RESPIRATORY, ENVIRONMENTAL AND EXERCISE PHYSIOLOGY (BETHESDA MD)

J Arkansas Med Soc
JOURNAL OF THE ARKANSAS MEDICAL SOCIETY (FORT SMITH AR)

J Asthma Res
JOURNAL OF ASTHMA RESEARCH (OSSINING NY)

J Auton Nerv Syst
JOURNAL OF THE AUTONOMIC NERVOUS SYSTEM (AMSTERDAM)

J Biomech
JOURNAL OF BIOMECHANICS (ELMSFORD NY)

J Biomech Eng
JOURNAL OF BIOMECHANICAL ENGINEERING (NEW YORK)

J Cardiogr
JOURNAL OF CARDIOGRAPHY (BUNKYO-KU)

J Cardiovasc Pharmacol
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY (NEW YORK)

J Chronic Dis
JOURNAL OF CHRONIC DISEASES (ELMSFORD NY)

J Clin Invest
JOURNAL OF CLINICAL INVESTIGATION (NEW HAVEN CT)

J Clin Psychiatry
JOURNAL OF CLINICAL PSYCHIATRY (MEMPHIS)

J Comp Physiol Psychol
s) JOURNAL OF COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY (WASHINGTON)

J Electrocardiol
JOURNAL OF ELECTROCARDIOLOGY (SOUTH BURLINGTON VT)

J Fam Pract
JOURNAL OF FAMILY PRACTICE (NEW YORK)

J Foot Surg
JOURNAL OF FOOT SURGERY (DETROIT)

J Forensic Sci
s) JOURNAL OF FORENSIC SCIENCES (PHILADELPHIA)

J Gerontol
JOURNAL OF GERONTOLOGY (WASHINGTON)

J Hand Surg
JOURNAL OF HAND SURGERY (ST LOUIS)

J Human Stress
JOURNAL OF HUMAN STRESS (SHELBURNE FALLS MA)

J Indian Med Assoc
JOURNAL OF THE INDIAN MEDICAL ASSOCIATION (CALCUTTA)

J Inherited Metab Dis
JOURNAL OF INHERITED METABOLIC DISEASE (LANCASTER PA)

LIST OF SERIALS INDEXED

J Int Med Res
JOURNAL OF INTERNATIONAL MEDICAL RESEARCH (NORTHAMPTON ENG)

J La State Med Soc
JOURNAL OF THE LOUISIANA STATE MEDICAL SOCIETY (NEW ORLEANS LA)

J Med Soc NJ
JOURNAL OF THE MEDICAL SOCIETY OF NEW JERSEY (TRENTON NJ)

J Miss State Med Assoc
JOURNAL OF THE MISSISSIPPI STATE MEDICAL ASSOCIATION (JACKSON MS)

J Muscle Res Cell Motil
JOURNAL OF MUSCLE RESEARCH AND CELL MOTILITY (LONDON)

J Neurol Sci
JOURNAL OF THE NEUROLOGICAL SCIENCES (AMSTERDAM)

J Neurophysiol
JOURNAL OF NEUROPHYSIOLOGY (BETHESDA MD)

J Nucl Med
JOURNAL OF NUCLEAR MEDICINE. JNM (NEW YORK)

J Nutr
JOURNAL OF NUTRITION (PHILADELPHIA)

J Okla State Med Assoc
JOURNAL - OKLAHOMA STATE MEDICAL ASSOCIATION (OKLAHOMA CITY OK)

J Oral Rehabil
JOURNAL OF ORAL REHABILITATION (OXFORD)

J Pediatr
JOURNAL OF PEDIATRICS (ST LOUIS)

J Pharmacol Exp Ther
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS (BALTIMORE)

J Physiol (Paris)
JOURNAL DE PHYSIOLOGIE (PARIS)

J Physiol (Lond)
JOURNAL OF PHYSIOLOGY (LONDON)

J Psychosom Res
JOURNAL OF PSYCHOSOMATIC RESEARCH (OXFORD)

J R Army Med Corps
JOURNAL OF THE ROYAL ARMY MEDICAL CORPS (LONDON)

J S Afr Vet Assoc
s) JOURNAL OF THE SOUTH AFRICAN VETERINARY ASSOCIATION (PRETORIA)

J Soc Occup Med
JOURNAL OF THE SOCIETY OF OCCUPATIONAL MEDICINE (EDINBURGH)

J Speech Hear Res
JOURNAL OF SPEECH AND HEARING RESEARCH (WASHINGTON)

J Sports Med Phys Fitness
JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS (TORINO)

J Tenn Med Assoc
JOURNAL OF THE TENNESSEE MEDICAL ASSOCIATION (NASHVILLE TN)

J Theor Biol
s) JOURNAL OF THEORETICAL BIOLOGY (LONDON)

J Trauma
JOURNAL OF TRAUMA (BALTIMORE)

JAMA
JAMA. JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION (CHICAGO)

JDBP
JDBP. JOURNAL OF DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS (BALTIMORE)

JOM
JOM. JOURNAL OF OCCUPATIONAL MEDICINE (CHICAGO)

Jpn Heart J
JAPANESE HEART JOURNAL (TOKYO)

Jpn J Physiol
JAPANESE JOURNAL OF PHYSIOLOGY (TOKYO)

K

Kardiol Pol
KARDIOLOGIA POLSKA (WARSZAWA)

Kardiologiia
KARDIOLOGIIA (MOSKVA)

Kinderarztl Prax
KINDERARZTLICHE PRAXIS (LEIPZIG)

Klin Oczna
KLINIKA OCZNA (WARSZAWA)

Klin Wochenschr
KLINISCHE WOCHENSCHRIFT (BERLIN)

Kosm Biol Aviakosm Med
KOSMICHESKAIA BIOLOGIIA I AVIAKOSMICHESKAIA MEDITSINA (MOSKVA)

L

Lakartidningen
LAKARTIDNINGEN (STOCKHOLM)

Lancet
LANCET (LONDON)

Laryngol Rhinol Otol (Stuttg)
LARYNGOLOGIE, RHINOLOGIE, OTOLOGIE (STUTTGART)

Life Sci
LIFE SCIENCES (OXFORD)

M

Magy Traumatol Orthop Helyreallito Sebesz
MAGYAR TRAUMATOLOGIA, ORTHOPAEDIA ES HELYREALLITO SEBESZET (BUDAPEST)

Med Clin (Barc)
MEDICINA CLINICA (BARCELONA)

Med Interne
MEDECINE INTERNE (BUCURESTI)

Med J Aust
MEDICAL JOURNAL OF AUSTRALIA (SYDNEY)

Med J Malaysia
MEDICAL JOURNAL OF MALAYSIA (SINGAPORE)

Med Sci Sports Exerc
MEDICINE AND SCIENCE IN SPORTS AND EXERCISE (MADISON WI)

Med Times
MEDICAL TIMES (MANHASSET NY)

Metabolism
METABOLISM, CLINICAL AND EXPERIMENTAL (NEW YORK)

Mich Med
MICHIGAN MEDICINE (EAST LANSING MI)

Milit Med
MILITARY MEDICINE (WASHINGTON)

Minerva Cardioangiol
MINERVA CARDIOANGIOLOGICA (TORINO)

Minerva Med
MINERVA MEDICA (TORINO)

LIST OF SERIALS INDEXED

MMW
MMW. MUNCHENER MEDIZINISCHE WOCHENSCHRIFT (MUNCHEN)

N

N Engl J Med
NEW ENGLAND JOURNAL OF MEDICINE (BOSTON)

Natl Inst Drug Abuse Res Monogr Ser
NATIONAL INSTITUTE ON DRUG ABUSE RESEARCH MONOGRAPH SERIES (ROCKVILLE MD)

Ned Tijdschr Geneeskd
NEDERLANDS TIJDSCHRIFT VOOR GENEESKUNDE (AMSTERDAM)

Neurol Res
NEUROLOGICAL RESEARCH (NEW YORK)

Neurosurgery
NEUROSURGERY (BALTIMORE)

Nippon Geka Hokan
NIPPON GEKA HOKAN. ARCHIV FUR JAPANISCHE CHIRURGIE (KYOTO)

Nippon Heikatsukin Gakkai Zasshi
NIPPON HEIKATSUKIN GAKKAI ZASSHI (SENDAI)

Nippon Kyobu Geka Gakkai Zasshi
NIPPON KYOBU GEKA GAKKAI ZASSHI. JOURNAL OF THE JAPANESE ASSOCIATION FOR THORACIC SURGERY (TOKYO)

Nippon Ronen Igakkai Zasshi
NIPPON RONEN IGAKKAI ZASSHI. JAPANESE JOURNAL OF GERIATRICS (TOKYO)

Nippon Seikeigeka Gakkai Zasshi
NIPPON SEIKEIGEKA GAKKAI ZASSHI. JOURNAL OF THE JAPANESE ORTHOPAEDIC ASSOCIATION (TOKYO)

Nuklearmedizin
NUKLEARMEDIZIN. NUCLEAR MEDICINE (STUTTGART)

Nurs Focus
NURSING FOCUS (LONDON)

Nurs Mirror
NURSING MIRROR (SUSSEX)

Nutr Rev
NUTRITION REVIEWS (NEW YORK)

NY State J Med
NEW YORK STATE JOURNAL OF MEDICINE (NEW YORK)

NZ Med J
NEW ZEALAND MEDICAL JOURNAL (DUNEDIN NZ)

O

Occup Health Nurs
OCCUPATIONAL HEALTH NURSING (THOROFARE NJ)

Ortop Travmatol Protez
ORTOPEDIIA TRAVMATOLOGIIA I PROTEZIROVANIE (MOSKVA)

P

PACE
PACE. PACING AND CLINICAL ELECTROPHYSIOLOGY (MOUNT KISCO NY)

Pain
PAIN (AMSTERDAM)

Paraplegia
PARAPLEGIA (EDINBURGH)

Pediatrics
PEDIATRICS (EVANSTON IL)

Percept Mot Skills
s) PERCEPTUAL AND MOTOR SKILLS (MISSOULA MT)

Pflugers Arch
PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY (BERLIN)

Phys Ther
PHYSICAL THERAPY (NEW YORK)

Physiol Behav
PHYSIOLOGY AND BEHAVIOR (ELMSFORD NY)

Physiol Bohemoslov
PHYSIOLOGIA BOHEMOSLOVACA (PRAGUE)

Plast Reconstr Surg
PLASTIC AND RECONSTRUCTIVE SURGERY (BALTIMORE)

Pol Tyg Lek
POLSKI TYGODNIK LEKARSKI (WARSZAWA)

Postgrad Med
POSTGRADUATE MEDICINE (MINNEAPOLIS MN)

Prax Kinderpsychol Kinderpsychiatr
PRAXIS DER KINDERPSYCHOLOGIE UND KINDERPSYCHIATRIE (GOTTINGEN)

Praxis
PRAXIS (BERN)

Prev Med
PREVENTIVE MEDICINE (NEW YORK)

Proc Annu Meet Med Sect Am Counc Life Insur
PROCEEDINGS, ANNUAL MEETING OF THE MEDICAL SECTION OF THE AMERICAN COUNCIL OF LIFE INSURANCE (WASHINGTON)

Proc Soc Exp Biol Med
PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE (NEW YORK)

Prostaglandins Med
PROSTAGLANDINS AND MEDICINE (NEW YORK)

Przegl Lek
PRZEGLAD LEKARSKI (CRACOW)

Psychiatr Prax
PSYCHIATRISCHE PRAXIS (STUTTGART)

Psychosom Med
PSYCHOSOMATIC MEDICINE (NEW YORK)

R

Radiology
RADIOLOGY (EASTON PA)

Rehabilitation (Stuttg)
REHABILITATION (STUTTGART)

Res Q Exerc Sport
RESEARCH QUARTERLY FOR EXERCISE AND SPORT (WASHINGTON)

Respir Physiol
RESPIRATION PHYSIOLOGY (AMSTERDAM)

Respiration
RESPIRATION (BASEL)

Rev Inst Hyg Mines (Hasselt)
REVUE DE L INSTITUT D HYGIENE DES MINES (HASSELT)

Rev Stomatol Chir Maxillofac
REVUE DE STOMATOLOGIE ET DE CHIRURGIE MAXILLO-FACIALE (PARIS)

Rheumatol Rehabil
RHEUMATOLOGY AND REHABILITATION (LONDON)

Rozhl Chir
ROZHLEDY V CHIRURGII (PRAHA)

LIST OF SERIALS INDEXED

S

S Afr Med J
SOUTH AFRICAN MEDICAL JOURNAL (CAPE TOWN)

Sangyo Igaku
SANGYO IGAKU. JAPANESE JOURNAL OF INDUSTRIAL HEALTH (TOKYO)

Scand J Clin Lab Invest
SCANDINAVIAN JOURNAL OF CLINICAL AND LABORATORY INVESTIGATION (OSLO)

Scand J Rehabil Med
SCANDINAVIAN JOURNAL OF REHABILITATION MEDICINE (STOCKHOLM)

Schweiz Med Wochenschr
SCHWEIZERISCHE MEDIZINISCHE WOCHENSCHRIFT. JOURNAL SUISSE DE MEDECINE (BASEL)

Schweiz Med Wochenschr [Suppl]
SCHWEIZERISCHE MEDIZINISCHE WOCHENSCHRIFT. SUPPLEMENTUM (BASEL)

Schweiz Z Sportmed
SCHWEIZERISCHE ZEITSCHRIFT FUR SPORTMEDIZIN (GENEVA)

Science
SCIENCE (WASHINGTON)

Scott Med J
SCOTTISH MEDICAL JOURNAL (GLASGOW)

SD J Med
SOUTH DAKOTA JOURNAL OF MEDICINE (SIOUX FALLS SD)

Singapore Med J
SINGAPORE MEDICAL JOURNAL (SINGAPORE)

Sov Med
SOVETSKAIA MEDITSINA (MOSKVA)

Spine
SPINE (HAGERSTOWN MD)

Stomatologiia (Mosk)
STOMATOLOGIIA (MOSKVA)

Surg Annu
SURGERY ANNUAL (NEW YORK)

Symp Soc Exp Biol
SYMPOSIA OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY (CAMBRIDGE)

T

Taiwan I Hsueh Hui Tsa Chih
TAIWAN I HSUEH HUI TSA CHIH. JOURNAL OF THE FORMOSAN MEDICAL ASSOCIATION (TAIPEI)

Ter Arkh
TERAPEVTICHESKII ARKHIV (MOSKVA)

Tex Med
TEXAS MEDICINE (AUSTIN TX)

Ther Umsch
THERAPEUTISCHE UMSCHAU (BERN)

Thorax
THORAX (LONDON)

Tic
TIC (ALBANY)

Tidsskr Nor Laegeforen
TIDSSKRIFT FOR DEN NORSKE LAEGEFORENING (OSLO)

Toxicol Appl Pharmacol
TOXICOLOGY AND APPLIED PHARMACOLOGY (NEW YORK)

Trans Am Ophthalmol Soc
TRANSACTIONS OF THE AMERICAN OPHTHALMOLOGICAL SOCIETY (ROCHESTER MN)

Tunis Med
TUNISIE MEDICALE (TUNIS)

U

Ugeskr Laeger
UGESKRIFT FOR LAEGER (COPENHAGEN)

Ukr Biokhim Zh
UKRAINSKII BIOKHIMICHESKII ZHURNAL (KIEV)

Undersea Biomed Res
UNDERSEA BIOMEDICAL RESEARCH (BETHESDA MD)

Unfallheilkunde
UNFALLHEILKUNDE (BERLIN)

Urol Res
UROLOGICAL RESEARCH (BERLIN)

V

Vestn Khir
VESTNIK KHIRURGII IMENI I. I. GREKOVA (LENINGRAD)

Vet Rec
VETERINARY RECORD (LONDON)

Vnitr Lek
VNITRNI LEKARSTVI (PRAHA)

Vrach Delo
VRACHEBNOE DELO (KIEV)

W

West J Med
WESTERN JOURNAL OF MEDICINE (SAN FRANCISCO)

Y

Yale J Biol Med
YALE JOURNAL OF BIOLOGY AND MEDICINE (NEW HAVEN CT)

Z

Z Geburtshilfe Perinatol
ZEITSCHRIFT FUR GEBURTSHILFE UND PERINATOLOGIE (STUTTGART)

Z Gesamte Hyg
ZEITSCHRIFT FUR DIE GESAMTE HYGIENE UND IHRE GRENZGEBIETE (BERLIN)

Z Gesamte Inn Med
ZEITSCHRIFT FUR DIE GESAMTE INNERE MEDIZIN UND IHRE GRENZGEBIETE (LEIPZIG)

Z Kardiol
ZEITSCHRIFT FUR KARDIOLOGIE (DARMSTADT)

Z Orthop
ZEITSCHRIFT FUR ORTHOPADIE UND IHRE GRENZGEBIETE (STUTTGART)

Z Psychosom Med Psychoanal
ZEITSCHRIFT FUR PSYCHOSOMATISCHE MEDIZIN UND PSYCHOANALYSE (GOTTINGEN)

ZFA (Dresden)
ZFA. ZEITSCHRIFT FUR ALTERNSFORSCHUNG (DRESDEN)

☆ U.S. GOVERNMENT PRINTING OFFICE : 1982 O - 364-899

[illegible]

[illegible]

[illegible]

The citations in this bibliography all are selected from those contained in MEDLARS (The National Library of Medicine's Medical Literature Analysis and Retrieval System), and the subject headings correspond to those used in MEDLARS. The subjects covered in this bibliography were chosen by a scientific committee. Members of the committee are:

Charles M. Tipton, Ph.D.
American College of Sports Medicine

Melvin L. Thornton, M.D.
American Medical Association Committee on the Medical Aspects of Sports

Clifford A. Bachrach, M.D.
National Library of Medicine

Samuel M. Fox III, M.D.
The President's Council on Physical Fitness and Sports

Daniel F. Hanley, M.D.
United States Olympic Committee

Yvonne B. Scott
National Library of Medicine (staff support)

Ash Hayes, Ed.D.
The President's Council on Physical Fitness and Sports (staff support)

DEPARTMENT OF
HEALTH & HUMAN SERVICES

The President's Council on
Physical Fitness and Sports
Washington DC 20201

Official Business
Penalty for Private Use $300

Postage and Fees Paid
U.S. Dept of H.H.S.
HHS 396

CONTROLLED CIRCULATION RATE

5/3

NEWARK PUBLIC LIBRARY

PHYSICAL FITNESS/SPORTS MEDICINE

Volume 5, Number 3, Summer 1982

OCT 25 [illegible]

U. S. GOVT. PUB
DEPOSITORY 37

PRESIDENT'S COUNCIL ON PHYSICAL FITNESS & SPORTS

A bibliographic service encompassing exercise physiology, sports injuries, physical conditioning and the medical aspects of exercise

HE 20.111:

National Library of Medicine Cataloging in Publication

ZQT Physical fitness/sports medicine.
255 v. 1- winter 1978-
P578 Washington, President's Council on Physical Fitness and Sports.
v.

Consists of citations retrieved by computer from the MEDLARS data base of the National Library of Medicine.

Key title: Physical fitness/sports medicine, ISSN 0163-2582

1. Physical Fitness - indexes 2. Reference Books, Medical 3. Sports Medicine - indexes I. President's Council on Physical Fitness and Sports. II. National Library of Medicine.

PHYSICAL FITNESS/SPORTS MEDICINE

A Publication of the President's Council on Physical Fitness and Sports

Volume 5, Number 3
Summer 1982
ISSN 0163-2582

NEWARK PUBLIC LIBRARY
OCT 25
U. S. GOVT. PUBS.
DEPOSITORY 376

This bibliography contains citations chosen from more than 3,000 selected periodicals, including foreign-language periodicals that print English abstracts of the articles they publish. Papers presented at selected Congresses also are included.

PHYSICAL FITNESS/SPORTS MEDICINE is published quarterly by the President's Council on Physical Fitness and Sports, 400 Sixth Street, SW., Washington, DC 20201. The Secretary of Health, Education, and Welfare has determined that publication of this periodical is essential to the conduct of the public business required by Executive Order 11562 of the President's Council. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through December 31, 1978. The yearly subscription rate is $8.50 in the United States and $10.65 elsewhere. Prices for single copies are $3.00 Domestic and $3.75 Foreign. Send subscription orders to Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

PHYSICAL FITNESS/SPORTS MEDICINE

ABDOMINAL WALL

Correction of scoliosis by muscle stimulation: biomechanical analyses. Schultz A, et al. **Spine** 1981 Sep–Oct;6(5):468–76

[Evaluation of various methods of motor rehabilitation after gynecological operations] Brzezina D, et al. **Ginekol Pol** 1981 Aug;52(8):743–6 (Eng. Abstr.) **(Pol)**

ACCIDENTS, TRAFFIC

Open tibia fracture with compartment syndrome. DeLee JCU, et al. **Clin Orthop** 1981;(160):175–84

When motor vehicles hit joggers: an analysis of 60 cases. Williams AF. **Public Health Rep** 1981 Sep–Oct;96(5):448–51

ACCLIMATIZATION

Ventilatory response to CO2 rebreathing at rest in the ama. Miyamura M, et al. **Jpn J Physiol** 1981;31(3):423–6

ACHILLES TENDON

[Causes of subcutaneous tendon rupture in athletes] Nikitin GD, et al. **Vestn Khir** 1981 Jul;127(7):78–81 (Eng. Abstr.) **(Rus)**

ADAPTATION, PHYSIOLOGICAL

Adaptive changes in work capacity, skeletal muscle capillarization and enzyme levels during training and detraining. Klausen K, et al. **Acta Physiol Scand** 1981 Sep;113(1):9–16

Biochemical adaptation of mitochondria, muscle, and whole-animal respiration to endurance training. Davies KJ, et al. **Arch Biochem Biophys** 1981 Jul;209(2):539–54

Respiratory control in chronic obstructive pulmonary diseases. Park SS. **Clin Chest Med** 1980 Jan;1(1):73–84 (73 ref.)

Effect of acute exercise on amino acid incorporation into the rat myocardium. Cook EA, et al. **Eur J Applied Physiol** 1981; 47(2):105–11

Relative contributions of chemical and non-chemical drives to the breath-holding time in breath-hold divers (Ama). Honda Y, et al. **Jpn J Physiol** 1981;31(2):181–6

The ventilatory responses to hypoxia and hypercapnia in the Ama. Masuda Y, et al. **Jpn J Physiol** 1981;31(2):187–97

[Adaptation to chronic hypoxia at various altitudes] Baroni P. **Minerva Med** 1981 Oct 6;72(38):2549–56 (Eng. Abstr.) **(Ita)**

[Functional status of certain subcortical brain structures during adaptation and deadaptation to physical loading] Boev VM. **Biull Eksp Biol Med** 1981 Sep;92(9):271–3 (Eng. Abstr.) **(Rus)**

[Role of the pentosephosphate pathway of carbohydrate metabolism in muscle adaptation to increased activity] Koliadko NG. **Fiziol Zh SSSR** 1981 Jul;67(7):1064–7 (Eng. Abstr.) **(Rus)**

[Cybernetic analysis of the heart rhythm in the measured physical loading test with crew members of the Saliut-6 orbital station] Baevskiĭ RM, et al. **Kardiologiia** 1981 Nov;21(11):100–4 (Eng. Abstr.) **(Rus)**

[Results of a hemodynamic and cardiac cycle phase structure study in a functional test with measured physical load on a 140-day flight in the Saliut-6 station] Egorov AD, et al. **Kosm Biol Aviakosm Med** 1981;15(3):18–22 (Eng. Abstr.) **(Rus)**

[Mechanisms of compensation and adaptation in cardiac hyperfunction] Dziak VN, et al. **Vrach Delo** 1981 Mar;(3):88–92 (Eng. Abstr.) **(Rus)**

[Adaptation of the heart to physical load in patients with chronic glomerulonephritis in the non-hypertensive stages] Todorenko AD, et al. **Vrach Delo** 1981 Oct;(10):42–6 (Eng. Abstr.) **(Rus)**

ADIPOSE TISSUE

Adipose tissue perfusion and fatty acid release in exercising rats. Larsen T, et al. **Acta Physiol Scand** 1981 Sep;113(1):111–6

Body composition and physical activity in 8-year-old children. Ku LC, et al. **Am J Clin Nutr** 1981 Dec;34(12):2770–5

Noninvasive evaluation of exercise training in college-age men. Adams TD, et al. **Circulation** 1981 Nov;64(5):958–65

Menstrual dysfunction and hormonal status in athletic women: a review. Baker ER. **Fertil Steril** 1981 Dec;36(6):691–6 (35 ref.)

Human adipose tissue blood flow during prolonged exercise, III. Effect of beta-adrenergic blockade, nicotinic acid and glucose infusion. Bülow J. **Scand J Clin Lab Invest** 1981 Jun; 41(4):415–24

AGING

Body composition and physical activity in 8-year-old children. Ku LC, et al. **Am J Clin Nutr** 1981 Dec;34(12):2770–5

Autonomic regulation of cardiovascular function in neonates. Gootman PM, et al. **Ciba Found Symp** 1980 Oct;(83):70–93

The effect of age on heart rate in subjects free of heart disease. Studies by ambulatory electrocardiography and maximal exercise stress test. Kostis JB, et al. **Circulation** 1982 Jan;65(1):141–5

The effect totigestational exposure to methyl n-butyl ketone has on postnatal development and behavior. Peters MA, et al. **Ecotoxicol Environ Safety** 1981 Sep;5(3):291–306

Age as a factor affecting erythrocyte osmotic fragility in males. Bowdler AJ, et al. **Gerontology** 1981;27(4):224–31

Antiadrenergic therapy: special aspects in hypertension in the elderly. Messerli FH, et al. **Hypertension** 1981 Nov–Dec; 3(6 Pt 2):II–226–9

The interaction of aging and endurance exercise upon the mitochondrial function of skeletal muscle. Farrar RP, et al. **J Gerontol** 1981 Nov;36(6):642–7

A study of age and participation in different physical activities. Sodhi HS. **J Sports Med Phys Fitness** 1981 Jun;21(2):150–5

Sleep deprivation and physical fitness in young and older subjects. Webb WB, et al. **J Sports Med Phys Fitness** 1981 Jun; 21(2):198–202

Clinical conferences at The Johns Hopkins Hospital. Presbycardia. Abben R, et al. **Johns Hopkins Med J** 1981 Nov;149(5):203–8

Positive and negative adaptation of muscle enzymes in aging mice subjected to physical exercise. Steinhagen-Thiessen E, et al. **Mech Ageing Dev** 1981;16(4):363–9

Neuromuscular response of the immature rat of ACTH/MSH 4—10. Smith CM, et al. **Peptides (Fayetteville)** 1981 Summer; 2(2):197–206

[The age-related decrease in performance capacity and how it is influenced in animal experiments (author's transl)] Hofecker G, et al. **Aktuel Gerontol** 1981 Nov;11(6):188–94 (Eng. Abstr.) **(Ger)**

[Sports for health of women. A physiological performance and sociological study] Messing M, et al. **Rehabilitation (Bonn)** 1981; 34(1–2):1–12 (Eng. Abstr.) **(Ger)**

[Risks of physiotherapeutical intervention in pre-clinical geriatrics

PHYSICAL FITNESS/SPORTS MEDICINE

AGING

(author's transl)] Lang E. **ZFA (Dresden)** 1981;36(2):117–24 (Eng. Abstr.) **(Ger)**

[The role of sports in preparation for an active age (author's transl)] Loock R. **ZFA (Dresden)** 1981;36(3):235–40 (Eng. Abstr.)**(Ger)**

[Effect of physical training on lipid and lipoprotein metabolism in persons of different ages] Bogush SV, et al. **Vrach Delo** 1981 Sep;(9):51–3 (Eng. Abstr.) **(Rus)**

[Characteristics of individual development and patterns of male and female rats in light of the skeletal muscle energy rule] Arshavskii IA, et al. **Zh Obshch Biol** 1981 Sep–Oct; 42(5):698–707 (Eng. Abstr.) **(Rus)**

AIRWAY RESISTANCE

Spirometry and gas exchange in chronic pulmonary thromboembolism. Riedel M, et al. **Bull Eur Physiopathol Respir** 1981;17(2):209–21

Methods to assess breathlessness in healthy subjects: a critical evaluation and application to analyse the acute effects of diazepam and promethazine on breathlessness induced by exercise or by exposure to raised levels of carbon dioxide. Stark RD, et al. **Clin Sci** 1981 Oct;61(4):429–39

[Oxygen consumption of the respiratory muscles in increased respiratory resistance] Bühlmann AA, et al. **Schweiz Med Wochenschr** 1981 Nov 14;111(46):1752–6 (Eng. Abstr.) **(Ger)**

ALCOHOL DRINKING

Plasma testosterone, high density lipoprotein cholesterol and other lipoprotein fractions. Gutai J, et al. **Am J Cardiol** 1981 Nov; 48(5):897–902

Diet, other lifestyle factors and HDL cholesterol in a population of Australian male service recruits. Dwyer T, et al. **Am J Epidemiol** 1981 Nov;114(5):683–96

Mechanical bull injuries: the empty saddle syndrome. Ten Eyck RP, et al. **Ann Emerg Med** 1981 Nov;10(11):582–4

A multivariate approach to feeling of fatigue in relation to individual workers' working and living conditions. Sawada S, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):23–33

ALCOHOL, ETHYL

Antagonistic effect of sodium ascorbate on ethanol-induced changes in swimming of mice. Busnel RG, et al. **Behav Brain Res** 1980 Aug;1(4):351–6

Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. Woodcock AA, et al. **N Engl J Med** 1981 Dec 31;305(27):1611–6

[The stability of blood glucose under physical stress in relation to carbohydrate reducing diet, alcohol and training] Schürch PM, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):77–80 (Eng. Abstr.) **(Ger)**

ALCOHOLIC BEVERAGES

Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. Woodcock AA, et al. **N Engl J Med** 1981 Dec 31;305(27):1611–6

ALTITUDE

Hypothermia in winter and high altitude sports. Hampton WR. **Conn Med** 1981 Oct;45(10):633–6

Contact lenses for athletes. Weis DR. **Int Ophthalmol Clin** 1981 Winter;21(4):139–48

Medical problems of a high altitude Himalayan expedition. Finnegan TP. **J R Army Med Corps** 1981 Oct;127(3):141–7

[Physical training in high altitude] Moret PR, et al. **Schweiz Med Wochenschr** 1981 Nov 7;111(45):1693–6 (Eng. Abstr.) **(Fre)**

[Adaptation to chronic hypoxia at various altitudes] Baroni P. **Minerva Med** 1981 Oct 6;72(38):2549–56 (Eng. Abstr.) **(Ita)**

[Work of breathing during high altitude exercise] Maculotti L. **Minerva Med** 1981 Oct 6;72(38):2557–64 (Eng. Abstr.) **(Ita)**

[Thermal and climatic indications in sports medicine] Rotondo G. **Riv Med Aeronaut Spaz** 1980 Jul–Dec;43(3–4):199–211 (Eng. Abstr.) **(Ita)**

[Changes in myocardial bioelectrical activity in ischemic heart disease as affected by medical gymnastic procedures during combined therapy at a central highlands health resort] Gubanova VI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Sep–Oct; (5):38–41 (Eng. Abstr.) **(Rus)**

ALTITUDE SICKNESS

Acetazolamide in prevention of acute mountain sickness: a double-blind controlled cross-over study. Greene MK, et al. **Br Med J [Clin Res]** 1981 Sep 26;283(6295):811–3

AMITRIPTYLINE

Effects of acutely and chronically administered antidepressants on the brain regional 3-methoxy-4-hydroxyphenylethyleneglycol sulfate in the forced swimming rat. Miyauchi T, et al. **Life Sci** 1981 Nov 2;29(18):1921–8

AMPHETAMINES

The amphetamine margin in sports. Laties VG, et al. **Fed Proc** 1981 Oct;40(12):2689–92

The Sunday syndrome: from kinetics to altered consciousness. Mandell AJ, et al. **Fed Proc** 1981 Oct;40(12):2693–8

ANABOLIC STEROIDS

Anabolic steroids are fool's gold. Ryan AJ. **Fed Proc** 1981 Oct; 40(12):2682–8 (63 ref.)

Effect of anabolic treatment on the serum levels of gonadotropins, testosterone, prolactin, thyroid hormones and myoglobin of male athletes under physical training. Clerico A, et al. **J Nucl Med Allied Sci** 1981 Jul–Sep;25(3):79–88

ANAEROBIOSIS

Effect of interval training and detraining on anaerobic fitness in women. Ready AE, et al. **Can J Appl Sport Sci** 1981 Sep; 6(3):114–8

Anaerobic performance in middle and long distance runners. Taunton JE, et al. **Can J Appl Sport Sci** 1981 Sep; 6(3):109–13

Effect of oral propranolol on the anerobic threshold and maximum exercise performance in normal man. Hughson RL, et al. **Can J Physiol Pharmacol** 1981 Jun;59(6):567–73

Glycolytic and oxidative energy metabolism and contraction characteristics of intact human muscle. Hultman E, et al. **Ciba Found Symp** 1981;(82):19–40

Anaerobic and aerobic power of top athletes. Crielaard JM, et al. **Eur J Applied Physiol** 1981;47(3):295–300

Oxygen deficit during incremental exercise. Davis HA, et al. **Eur J Applied Physiol** 1981;47(2):133–40

Specificity of the anaerobic threshold in endurance trained cyclists and runners. Withers RT, et al. **Eur J Applied Physiol** 1981; 47(1):93–104

[The influence of graduated treadmill exercise on plasma catecholamines, aerobic and anaerobic capacity in boys and adults] Lehmann M, et al. **Eur J Applied Physiol** 1981; 47(3):301–11 (Eng. Abstr.) **(Ger)**

ANALGESICS

Drugs and sport. Mangi RJ, et al. **Conn Med** 1981 Oct; 45(10):637–41

ANALGESICS, ANTI-INFLAMMATORY

[Clinical study of the anti-inflammatory and analgesic action of methoxy-naphthyl-propionic acid in articular and periarticular injuries caused by sports] Rugginenti A, et al. **Clin Ter** 1981 Mar 15;96(5):503–14 (Eng. Abstr.) **(Ita)**

ANGINA PECTORIS

Evidence of impaired myocardial perfusion and abnormal left ventricular function during exercise in patients with isolated systolic narrowing of the left anterior descending coronary artery. Ahmad M, et al. **Am J Cardiol** 1981 Nov;48(5):832–6

Combined therapy with verapamil and propranolol in chronic stable angina. Subramanian B, et al. **Am J Cardiol** 1982 Jan; 49(1):125–32

Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Thompson PD, et al. **Am J Cardiol** 1981 Nov;48(5):844–50

A dose-response study on metoprolol in angina pectoris. Uusitalo A, et al. **Ann Clin Res** 1981;13 Suppl 30:54–7

The combination of nifedipine and propranolol in the management of patients with angina pectoris. Tweddel AC, et al. **Br J Clin Pharmacol** 1981 Aug;12(2):229–33

Coronary artery disease. Rothbaum DA. **Cardiovasc Clin** 1981; 12(1):105–18

The pathophysiology of angina pectoris and the effect of lidoflazine. Gobel FL, et al. **Circulation** 1982 Jan; 65(1 Pt 2):I27–32 (49 ref.)

Verapamil versus placebo in relieving stable angina pectoris. Pine MB, et al. **Circulation** 1982 Jan;65(1):17–22

Demonstration of training effect during chronic beta-adrenergic blockade in patients with coronary artery disease. Pratt CM, et al. **Circulation** 1981 Dec;64(6):1125–9

Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Rainwater J, et al. **Circulation** 1982 Jan;65(1):77–81

The effects of lidoflazine on exercise performance and thallium stress scintigraphy in patients with stable angina pectoris. Shapiro W, et al. **Circulation** 1982 Jan;65(1 Pt 2):I43–50

Effects of molsidomine on global and regional left ventricular function at rest and during exercise in patients with angina pectoris. Nechwatal W, et al. **Clin Cardiol** 1981 Sep–Oct; 4(5):248–53

The isopotential plot—a new method for the assessment of ST amplitude changes provoked by an exercise test. Bjurö TI, et al. **Eur Heart J** 1980 Jun;1(3):213–23

Relative activities of atenolol and metoprolol on the cardiovascular system of man. Harry JD, et al. **Eur J Clin Pharmacol** 1981; 20(1):9–15

Transient pathological Q waves in the electrocardiogram induced by exercise. Chacko KA, et al. **Indian Heart J** 1981 May–Jun; 33(3):109–13

Utility of stress testing in angina. Shah SN, et al. **Indian Heart J Teach Ser** 1980;(9):377–80

Exercise stress body surface isopotential map in patients with coronary artery disease: comparison with coronary angiographic and stress myocardial perfusion scintigraphic findings. Wada M, et al. **Jpn Circ J** 1981 Oct;45(10):1203–7

Quantitative evaluation of treadmill test induced ST–T changes using body surface mapping. Yasui S, et al. **Jpn Circ J** 1981 Oct;45(10):1208–11

Exercise tests after myocardial infarction [editorial] **Lancet** 1981 Oct 10;2(8250):786–8

[Cardiac ischemia on exercise. Effect of nifedipine and acebutolol singly and in combination (author's transl)] Strasser R, et al. **MMW** 1981 Aug 28;123(35):1303–6 (Eng. Abstr.) **(Ger)**

[Chronic administration of beta blocking agents: left ventricular hemodynamics in myocardial infarctions during exercise (author's transl)] Blümchen G, et al. **Z Kardiol** 1981 Sep;70(9):678–86 (Eng. Abstr.) **(Ger)**

[Right and left ventricular function during exercise–induced angina pectoris in patients with coronary artery disease (author's transl)] Karsch KR, et al. **Z Kardiol** 1981 Dec;70(12):902–7 (Eng. Abstr.) **(Ger)**

[Dynamic ECG monitoring in ischemic cardiopathy] Zacà F, et al. **Boll Soc Ital Cardiol** 1980;25(6):563–8 (Eng. Abstr.) **(Ita)**

[Echocardiography during ergometric tests in subjects with stable effort angina (author's transl)] Fedele F, et al. **G Ital Cardiol** 1981;11(3):310–20 (Eng. Abstr.) **(Ita)**

[Acute effects of oral acebutolol on exercise tolerance in patients with stable angina pectoris (author's transl)] Scrutinio D, et al. **G Ital Cardiol** 1981;11(3):364–72 (Eng. Abstr.) **(Ita)**

[Comparison of angina pectoris induced by upright and recumbent exercise– using systolic time intervals and the indices for myocardial oxygen consumption (author's transl)] Tajima N. **Nippon Ika Daigaku Zasshi** 1981 Apr;48(2):178–97 (Eng. Abstr.) **(Jpn)**

[Microcirculation tolerance for physical loading and homeostatic indices in stenocardia] Anikin VV, et al. **Kardiologiia** 1981 Aug; 21(8):92–5 (Eng. Abstr.) **(Rus)**

[Diagnostic importance of the ergometrine test in ischemic heart disease] Sidorenko BA, et al. **Kardiologiia** 1981 Aug; 21(8):87–92 (Eng. Abstr.) **(Rus)**

[Clinicoepidemiological analysis of ECG ischemic reactions to physical loading in men] Lipovetskil BM, et al. **Sov Med** 1981; (4):10–3 (Eng. Abstr.) **(Rus)**

[Use of a standard WHO questionnaire in population surveillance for exertion–induced angina pectoris] Chazova LV, et al. **Ter Arkh** 1981;53(5):33–8 (Eng. Abstr.) **(Rus)**

[Comparative study of the effectiveness of sustac and nitrosorbid treatment of exertion–induced angina pectoris] Mazur NA, et al. **Ter Arkh** 1981;53(5):48–52 (Eng. Abstr.) **(Rus)**

ANGIOCARDIOGRAPHY

Influence of the location of left anterior descending coronary artery stenosis on left ventricular function during exercise. Leong K, et al. **Circulation** 1982 Jan;65(1):109–14

A comparison of two commonly used stress testing protocols in patients with documented coronary artery disease. Nolewajka AJ, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):138–44

['Functional' heart diseases in preinvasive diagnosis. Comparison between male and female patients in a retrospective study] Ludwig J, et al. **MMW** 1981 Oct 23;123(43):1616–8 (Eng. Abstr.) **(Ger)**

ANKLE

An analysis of roller skating injuries. Ferkel RD, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):24–30

The injury rate in professional basketball. Henry JH, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):16–8

An in–skate training brace for young beginning ice skaters. Hunter WN, et al. **J Am Podiatry Assoc** 1981 Nov;71(11):643–5

ANKLE JOINT

Secondary reconstruction of the lateral ligaments of the ankle. Leach RE, et al. **Clin Orthop** 1981;(160):201–11

Heterotopic bone formation: a case report. Lepow GM, et al. **J Foot Surg** 1980 Summer;19(2):63–5

[Biomechanics, technique and results of fibular ligamentous grafting at the ankle joint (author's transl)] Wirth CJ, et al. **Aktuel Traumatol** 1981 Oct;11(5):175–8 (Eng. Abstr.) **(Ger)**

ANTERIOR COMPARTMENT SYNDROME

Exercise–induced anterior tibial compartment compression syndrome in the elderly. Sweeney RC, et al. **Postgrad Med J** 1981 Aug;57(670):537–8

ANTIDEPRESSIVE AGENTS, TRICYCLIC

Myotonic dystrophy as a disease of abnormal membrane receptors: an hypothesis of pathophysiology and a new approach to treatment. Brumback RA, et al. **Med Hypotheses** 1981 Aug; 7(8):1059–66 (39 ref.)

AORTIC SUBVALVULAR STENOSIS

[Ventricular and myocardial function of the pressure–overloaded left ventricle during exercise (author's transl)] Jehle J, et al. **Herz** 1981 Oct;6(5):300–9 (Eng. Abstr.) **(Ger)**

AORTIC VALVE INSUFFICIENCY

Aortic regurgitation. Detection of left ventricular dysfunction by exercise echocardiography. Paulsen W, et al. **Br Heart J** 1981 Oct;46(4):380–8

Pulmonary blood volume ratio response to exercise; a noninvasive determination of exercise–induced changes in pulmonary capillary wedge pressure. Okada RD, et al. **Circulation** 1982 Jan; 65(1):126–33

AORTIC VALVE STENOSIS

The effect of increased cardiac pressure load and volume load on the size of myocardial infarction following coronary artery occlusion. Tornling G, et al. **Acta Pathol Microbiol Scand** [A] 1981 Jul;89(4):309–12

ARM INJURIES

Upper extremity injuries in skiing. Carr D, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):378–83

An epidemiologic study of ski injuries: Vail, Colorado. Jaffin B. **Mt Sinai J Med (NY)** 1981 Jul–Aug;48(4):353–9

ARRHYTHMIA

Metoprolol treatment after acute myocardial infarction. Effects on ventricular arrhythmias and exercise tests during 6 months. Olsson G, et al. **Acta Med Scand** 1981;210(1–2):59–65

Exercise testing and ambulatory electrocardiographic monitoring following surgical repair of tetralogy of Fallot. Irving JB, et al. **Eur Heart J** 1980 Apr;1(2):117–21

[Effort as a diagnostic test in cardiac arrhythmias (author's transl)] Flament F. **Rev Med Brux** 1981 Oct;2(8):683–92 (Eng. Abstr.) **(Fre)**

[Study of cardiac rhythm disorders in healthy men] Dembo AG, et al. **Kardiologiia** 1981;21(10):51–5 (Eng. Abstr.) **(Rus)**

[Role of the exercise test in patients with arrhythmias] Cikoš J, et al. **Med Pregl** 1981;34(5–6):225–9 (Eng. Abstr.) **(Scr)**

ARTERIAL OCCLUSIVE DISEASES

Platelet activation during treadmill exercise in patients with chronic peripheral arterial disease. Baele G, et al. **Thromb Res** 1981 Aug 1;23(3):215–23

[Study of variations in the regional blood volume in the limbs under effort or thermal stress in arterial conditions (author's transl)] Ancri D, et al. **J Mal Vasc** 1981;6(1):61–5 (Eng. Abstr.) **(Fre)**

[Treatment of stage II arteriopathy of the lower limbs with coronary involvement (author's transl)] Hodara M. **J Mal Vasc** 1981;6(1):8–9 (Eng. Abstr.) **(Fre)**

[Stress–ECG after myocardial infarct. Does myocardial infarct reduce the significance of stress ECG in the diagnosis of severe stenosis of the anterior interventricular ramus, the diagonal ramus and the marginal ramus of the coronary artery] Kreul HG, et al. **Fortschr Med** 1981 Sep 3;99(33):1307–11 (Eng. Abstr.) **(Ger)**

[Effect of graduated ergometer stress on the function of human thrombocytes. Comparative examinations in control persons and patients with arterial occlusive disease in state II after Fontaine] Everts B, et al. **Vasa** 1981;10(4):299–303 (Eng. Abstr.) **(Ger)**

ARTERIOSCLEROSIS

Preventing atherosclerosis through exercise and control of blood coagulation. McClelland J, et al. **J Med Assoc Ga** 1981 Sep; 70(9):679–82
Pritikin vs AHA diet: no difference for peripheral vascular disease [news] Korcok M. **JAMA** 1981 Oct 23–30;246(17):1871

ASCORBIC ACID

Antagonistic effect of sodium ascorbate on ethanol-induced changes in swimming of mice. Busnel RG, et al. **Behav Brain Res** 1980 Aug;1(4):351–6

ASPIRIN

Effect of platelet suppressant treatment with dipyridamole and aspirin on exercise performance and platelet survival time in coronary disease. Steele P, et al. **Chest** 1981 Nov; 80(5):557–61
Secondary prevention in myocardial infarction survivors. **Circulation** 1982 Jan;65(1):216A–219A

ASTHMA

The importance of ventilation in exercise-induced asthma. Bundgaard A, et al. **Allergy** 1981 Aug;36(6):385–9
Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects [letter] Orehek J. **Am Rev Respir Dis** 1981 Oct;124(4):512–3
Worldwide experience with albuterol (salbutamol). Godfrey S. **Ann Allergy** 1981 Nov;47(5 Pt 2):423–6
The use of albuterol for the prevention of exercise-induced bronchospasm. König P. **Ann Allergy** 1981 Nov; 47(5 Pt 2):421–2
The effect of ipratropium on exercise-induced bronchoconstriction. Wolkove N, et al. **Ann Allergy** 1981 Nov;47(5 Pt 1):311–5
Exercise-induced bronchospasm – pathophysiology and treatment. Shephard RJ. **Can J Appl Sport Sci** 1981 Sep;6(3):101–8 (177 ref.)
beta-Adrenergic blockade with pindolol (LB-46) in mild to moderate asthma. Sue DY, et al. **Chest** 1981 Nov; 80(5):537–42
The evaluation, control, and modification of continuing asthma. Mansmann HC Jr. **Clin Chest Med** 1980 Sep;1(3):339–60 (136 ref.)
Aerobic muscular exercise: applications in clinical medicine for diagnosis and therapy. Scherzer HH. **Conn Med** 1981 Oct; 45(10):628–32
Standardization of work intensity for evaluation of exercise-induced bronchoconstriction. Wilson BA, et al. **Eur J Applied Physiol** 1981;47(3):289–94
Exercise-induced asthma – a comparison between two modes of exercise stress. Inbar O, et al. **Eur J Respir Dis** 1981 Jun; 62(3):160–7
A double-blind, placebo-controlled evaluation of (dl)-3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2, in exercise-induced bronchospasm. Cho YW, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Jun;19(6):266–72
Prazosin, an alpha 1-adrenoceptor antagonist, partially inhibits exercise-induced asthma. Barnes PJ, et al. **J Allergy Clin Immunol** 1981 Dec;68(6):411–5
Strategies in the control of asthma. Dolovich J, et al. **Med Clin North Am** 1981 Sep;65(5):1033–43 (41 ref.)
Exercise training for children with asthma. Out-patient programme and a residential experiment. Mallinson BM, et al. **Physiotherapy** 1981 Apr 10;67(4):106–8
Effects of physical training on plasma citrate and exercise-induced asthma. Henriksen JM, et al. **Scand J Clin Lab Invest** 1981 May; 41(3):225–9
Circulating catecholamines in exercise and hyperventilation induced asthma. Barnes PJ, et al. **Thorax** 1981 Jun; 36(6):435–40
Exercise-induced bronchoconstriction as an expression of bronchial hyperreactivity: a study of its mechanisms in children. Neijens HJ, et al. **Thorax** 1981 Jul;36(7):517–22
Hyperventilation of exercise to induce asthma? Tweeddale PM, et al. **Thorax** 1981 Aug;36(8):596–8
[Protection from exercise-induced asthma after salbutamol (Ventolin) in powder form, inhaled with the Rotahaler] Scherrer M, et al. **Schweiz Med Wochenschr** 1981 Oct 31; 111(44):1643–8 (Eng. Abstr.) **(Ger)**
[Exercise-induced asthma (EIA) and radioallergosorbenttest (RAST) (author's transl)] Götz M, et al. **Wien Klin Wochenschr** 1981 Sep 4;93(16):514–6 (Eng. Abstr.) **(Ger)**
[Site of airway obstruction and drug effect in exercise induced asthma (author's transl)] Horie T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1981 May;19(5):308–16 (Eng. Abstr.) **(Jpn)**
[Changes in the peripheral blood basophil count in bronchial asthma after physical exertion] Jagodziński J, et al. **Pneumonol Pol** 1981 Jan;49(1):35–41 (Eng. Abstr.) **(Pol)**

ASTHMA, EXERCISE-INDUCED

The importance of ventilation in exercise-induced asthma. Bundgaard A, et al. **Allergy** 1981 Aug;36(6):385–9
Is the anti-allergic activity of sodium cromoglycate confined to its effect on the mast cell? [letter] Pearce FL. **Allergy** 1981 May; 36(4):279–80
Worldwide experience with albuterol (salbutamol). Godfrey S. **Ann Allergy** 1981 Nov;47(5 Pt 2):423–6
The use of albuterol for the prevention of exercise-induced bronchospasm. König P. **Ann Allergy** 1981 Nov; 47(5 Pt 2):421–2
The effect of ipratropium on exercise-induced bronchoconstriction. Wolkove N, et al. **Ann Allergy** 1981 Nov;47(5 Pt 1):311–5
Exercise-induced bronchospasm – pathophysiology and treatment. Shephard RJ. **Can J Appl Sport Sci** 1981 Sep;6(3):101–8 (177 ref.)
beta-Adrenergic blockade with pindolol (LB-46) in mild to moderate asthma. Sue DY, et al. **Chest** 1981 Nov; 80(5):537–42
The evaluation, control, and modification of continuing asthma. Mansmann HC Jr. **Clin Chest Med** 1980 Sep;1(3):339–60 (136 ref.)
Aerobic muscular exercise: applications in clinical medicine for diagnosis and therapy. Scherzer HH. **Conn Med** 1981 Oct; 45(10):628–32
Standardization of work intensity for evaluation of exercise-induced bronchoconstriction. Wilson BA, et al. **Eur J Applied Physiol** 1981;47(3):289–94
Exercise-induced asthma – a comparison between two modes of exercise stress. Inbar O, et al. **Eur J Respir Dis** 1981 Jun; 62(3):160–7
A double-blind, placebo-controlled evaluation of (dl)-3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2, in exercise-induced bronchospasm. Cho YW, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Jun;19(6):266–72
Prazosin, an alpha 1-adrenoceptor antagonist, partially inhibits exercise-induced asthma. Barnes PJ, et al. **J Allergy Clin Immunol** 1981 Dec;68(6):411–5
Strategies in the control of asthma. Dolovich J, et al. **Med Clin North Am** 1981 Sep;65(5):1033–43 (41 ref.)
Effects of physical training on plasma citrate and exercise-induced asthma. Henriksen JM, et al. **Scand J Clin Lab Invest** 1981 May; 41(3):225–9
Circulating catecholamines in exercise and hyperventilation induced asthma. Barnes PJ, et al. **Thorax** 1981 Jun; 36(6):435–40
Exercise-induced bronchoconstriction as an expression of bronchial hyperreactivity: a study of its mechanisms in children. Neijens HJ, et al. **Thorax** 1981 Jul;36(7):517–22
Hyperventilation of exercise to induce asthma? Tweeddale PM, et al. **Thorax** 1981 Aug;36(8):596–8
[Protection from exercise-induced asthma after salbutamol (Ventolin) in powder form, inhaled with the Rotahaler] Scherrer M, et al. **Schweiz Med Wochenschr** 1981 Oct 31; 111(44):1643–8 (Eng. Abstr.) **(Ger)**
[Exercise-induced asthma (EIA) and radioallergosorbenttest (RAST) (author's transl)] Götz M, et al. **Wien Klin Wochenschr** 1981 Sep 4;93(16):514–6 (Eng. Abstr.) **(Ger)**
[Site of airway obstruction and drug effect in exercise induced asthma (author's transl)] Horie T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1981 May;19(5):308–16 (Eng. Abstr.) **(Jpn)**
[Changes in the peripheral blood basophil count in bronchial asthma after physical exertion] Jagodziński J, et al. **Pneumonol Pol** 1981 Jan;49(1):35–41 (Eng. Abstr.) **(Pol)**

ATHEROMA

Pritikin vs AHA diet: no difference for peripheral vascular disease [news] Korcok M. **JAMA** 1981 Oct 23–30;246(17):1871

ATHEROSCLEROSIS

Sudden death while playing professional football. Roberts WC, et al. **Am Heart J** 1981 Dec;102(6 Pt 1):1062–3
Platelet activation during treadmill exercise in patients with chronic peripheral arterial disease. Baele G, et al. **Thromb Res** 1981 Aug 1;23(3):215–23

ATHLETIC INJURIES

Lucent articular lesion in the lateral femoral condyle: source of patellar femoral pain in the athletic adolescent. Cayea PD, et al. **AJR** 1981 Dec;137(6):1145–9

PHYSICAL FITNESS/SPORTS MEDICINE

Pseudovacuum of the cervical intervertebral disc: a normal variant. Daffner RH, et al. **AJR** 1981 Oct;137(4):737–9

Patellar tendon avulsion as a complication of Osgood–Schlatter's disease. Bowers KD Jr. **Am J Sports Med** 1981 Nov–Dec; 9(6):356–9

Weight training–related injuries in the high school athlete. Brady TA, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):1–5

A chronicle of injuries of an American intercollegiate football team. Canale ST, et al. **Am J Sports Med** 1981 Nov–Dec; 9(6):384–9

Upper extremity injuries in skiing. Carr D, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):378–83

Medial collateral ligament injuries in football. Nonoperative management of grade I and grade II sprains. Derscheid GL, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):365–8

An analysis of roller skating injuries. Ferkel RD, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):24–30

Performance of baseball headgear. Goldsmith W, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):31–7

Magnification and high–resolution radiography in sports–related injuries. Griffiths HJ, et al. **Am J Sports Med** 1981 Nov–Dec; 9(6):394–9

Recurrent subluxation of the glenohumeral joint. Hastings DE, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):352–5

Acute hematogenous pelvic osteomyelitis in athletes. Hedström SA, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):44–6

The injury rate in professional basketball. Henry JH, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):16–8

Fracture of the fused os trigonum. Ihle CL, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):47–50

Javelin injury to the subclavian artery. McFadden PM, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):400–4

Meniscal ossicle. A case report. Mariani PP, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):392–3

Recurrent compartment syndrome in the posterior thigh. Report of a case. Raether PM, et al. **Am J Sports Med** 1982 Jan–Feb; 10(1):40–3

Angular deformity of the middle fingers in a young athlete. A case report. Rayan GM, et al. **Am J Sports Med** 1982 Jan–Feb; 10(1):51–4

Gait analysis. Alterations in support phase forces using supportive devices. Scranton PE Jr, et al. **Am J Sports Med** 1982 Jan–Feb; 10(1):6–11

Low–intensity X–ray–imaging scope (Lixiscope). Its applications in sports medicine and orthopaedic surgery. Tansey WJ. **Am J Sports Med** 1981 Nov–Dec;9(6):360–4

Pott's puffy tumor, frontal sinusitis, frontal bone osteomyelitis, and epidural abscess secondary to a wrestling injury. Tudor RB, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):390–1

Fractures and refractures in intercollegiate athletes. An eleven–year experience. Whiteside JA, et al. **Am J Sports Med** 1981 Nov–Dec; 9(6):369–77

Pourfour Du Petit syndrome—hypersympathetic dysfunctional state following a direct non–penetrating injury to the cervical sympathetic chain and brachial plexus. Teeple E, et al. **Anesthesiology** 1981 Nov;55(5):591–2

Mechanical bull injuries: the empty saddle syndrome. Ten Eyck RP, et al. **Ann Emerg Med** 1981 Nov;10(11):582–4

Stress fractures in young athletes. Orava S, et al. **Arch Orthop Trauma Surg** 1981;98(4):271–4

The nurse and the law: a macabre landmark case. Langslow A. **Aust Nurses J** 1981 Jul;11(1):23–6

Squash ball to eye ball: the likelihood of squash players incurring an eye injury. Barrell GV, et al. **Br Med J [Clin Res]** 1981 Oct 3;283(6296):893–5

Calcaneal epiphysitis in adolescent athletes. McKenzie DC, et al. **Can J Appl Sport Sci** 1981 Sep;6(3):123–5

Secondary reconstruction of the lateral ligaments of the ankle. Leach RE, et al. **Clin Orthop** 1981;(160):201–11

Arthroscopic knee surgery in athletes. Fulkerson JP. **Conn Med** 1981 Oct;45(10):642–3

Rehabilitative benefits of sports for the handicapped. Molnar G. **Conn Med** 1981 Sep;45(9):574–7

Secondary school sportsmedicine. On providing optimal care for the interscholastic athlete. Zlotsky NA. **Conn Med** 1981 Oct; 45(10):625–8

The prevention of orofacial sports injuries in the adolescent. de Wet FA. **Int Dent J** 1981 Dec;31(4):313–9

Ocular sports injuries. **Int Ophthalmol Clin** 1981 Winter; 21(4):1–229

Eye injuries in racket sports. Easterbrook M. **Int Ophthalmol Clin** 1981 Winter;21(4):87–119

Ocular sports injuries. Legal aspects. II. Lawyer's perspective. Hinson DB. **Int Ophthalmol Clin** 1981 Winter;21(4):209–18

Ocular sports injuries. Legal aspects. I. Patient's perspective. Kaplan PJ. **Int Ophthalmol Clin** 1981 Winter;21(4):203–7

Ocular sports injuries. Standards of protection and prevention. I. Applications of protective principles from industry. Keeney AH. **Int Ophthalmol Clin** 1981 Winter;21(4):163–9

Eye injuries in hockey. Pashby TH. **Int Ophthalmol Clin** 1981 Winter;21(4):59–86

Ocular sports injuries: a review of cases on file in the Massachusetts eye and ear infirmary pathology laboratory. Portis JM, et al. **Int Ophthalmol Clin** 1981 Winter;21(4):1–19

National Athletic Injury/Illness Reporting System: eye injuries in college wrestling. Powell JW. **Int Ophthalmol Clin** 1981 Winter; 21(4):47–58

Ocular sports injuries. Economic considerations. Tolpin HG, et al. **Int Ophthalmol Clin** 1981 Winter;21(4):179–201

Ocular sports injuries. Standards of protection and prevention. II. The role of government in injury prevention. Tsongas PE. **Int Ophthalmol Clin** 1981 Winter;21(4):171–7

The incidence of eye injuries in sports. Vinger PF. **Int Ophthalmol Clin** 1981 Winter;21(4):21–46

Ocular sports injuries. Principles of protection. Vinger PF. **Int Ophthalmol Clin** 1981 Winter;21(4):149–61

Contact lenses for athletes. Weis DR. **Int Ophthalmol Clin** 1981 Winter;21(4):139–48

Recurrent tibial stress fractures in a jogger. Schlefman BS, et al. **J Am Podiatry Assoc** 1981 Oct;71(10):577–9

Heterotopic bone formation: a case report. Lepow GM, et al. **J Foot Surg** 1980 Summer;19(2):63–5

Medical problems of a high altitude Himalayan expedition. Finnegan TP. **J R Army Med Corps** 1981 Oct;127(3):141–7

Somatotype and injuries in adult student rugby footfall. Reilly T, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):186–91

Diving Accident Network begins 2nd year [news] Gunby P. **JAMA** 1981 Oct 23–30;246(17):1879

Surfboard injuries [letter] **Med J Aust** 1981 Aug 8;2(3):154

Office management of common running injuries. Langloh JT. **Med Times** 1981 Sep;109(9):38–41, 45

Ruptured spleen in a boxer with infectious mononucleosis. Lovaas M. **Minn Med** 1981 Aug;64(8):461–2

An epidemiologic study of ski injuries: Vail, Colorado. Jaffin B. **Mt Sinai J Med (NY)** 1981 Jul–Aug;48(4):353–9

'Hunkering'; and peroneal palsy [letter] Massey EW, et al. **Muscle Nerve** 1981 Sep–Oct;4(5):445

Anatomy of backpack–strap injury [letter] Johnson RJ. **N Engl J Med** 1981 Dec 24;305(26):1594

Personality and injury in competitive runners. Valliant PM. **Percept Mot Skills** 1981 Aug;53(1):251–3

Lacerations in Rugby Union football. Durkin TE. **Practitioner** 1981 Jul;225(1357):1043–44

Medical problems in Association football. Sash L. **Practitioner** 1981 Jul;225(1357):1047–50

Injuries in professional boxing. Their treatment and prevention. Whiteson AL. **Practitioner** 1981 Jul;225(1357):1053–7

Mouthguards for rugby players at primary school level. de Wet FA, et al. **Tydskr Tandheelkd Ver S Afr** 1981 Apr; 36(4):249–53

[Avulsion fracture of the ischial tuberosity (author's transl)] Matějovsky Z, et al. **Acta Chir Orthop Traumatol Cech** 1981 Aug; 48(4):333–6 (Eng. Abstr.) **(Cze)**

[March fracture caused by a motion instrument?] Bjerregaard P, et al. **Ugeskr Laeger** 1981 Jul 6;143(28):1769 (Eng. Abstr.) **(Dan)**

[Trauma resulting from tug–of–war] Ferguson A, et al. **Ugeskr Laeger** 1981 Sep 7;143(37):2354 (Eng. Abstr.) **(Dan)**

[Injuries by karate blows] Brettel HF. **Beitr Gerichtl Med** 1981; 39:87–90 (Eng. Abstr.) **(Ger)**

[Fatal swimming accident by a windsurfer] Schellmann B, et al. **Beitr Gerichtl Med** 1981;39:269–72 (Eng. Abstr.) **(Ger)**

[Post–traumatic myositis ossificans] Altieri E, et al. **Chir Organi Mov** 1981 May–Jun;66(3):415–20 (Eng. Abstr.) **(Ita)**

[Clinical study of the anti–inflammatory and analgesic action of methoxy–naphthyl–propionic acid in articular and periarticular injuries caused by sports] Rugginenti A, et al. **Clin Ter** 1981 Mar 15;96(5):503–14 (Eng. Abstr.) **(Ita)**

[Thermal and climatic indications in sports medicine] Rotondo G. **Riv Med Aeronaut Spaz** 1980 Jul–Dec;43(3–4):199–211 (Eng. Abstr.) **(Ita)**

[Achievements of sports traumatology] Nironova ZS, et al. **Ortop Travmatol Protez** 1981;(4):48–51 (Eng. Abstr.) **(Rus)**

[Causes of subcutaneous tendon rupture in athletes] Nikitin GD, et al. **Vestn Khir** 1981 Jul;127(7):78–81 (Eng. Abstr.) **(Rus)**

[Traumatic dislocation of the metatarsophalangeal joints (author's transl)] Maar D. **Acta Chir Orthop Traumatol Cech** 1981 Oct; 48(5):466–7 (Eng. Abstr.) **(Slo)**

ATROPINE

Cholinergic responses in different sections of rat airways. Vornanen M, et al. **Acta Physiol Scand** 1981 Oct;113(2):177–82

The use of albuterol for the prevention of exercise–induced bronchospasm. König P. **Ann Allergy** 1981 Nov; 47(5 Pt 2):421–2

Sympathoadrenal and cardiovascular responses to mental stress, isometric handgrip, and cold pressor test in asymptomatic young men with primary T wave abnormalities in the

ATROPINE

electrocardiogram. Atterhög JH, et al. **Br Heart J** 1981 Sep; 46(3):311-9

[The heart rate decreasing activity of the beta-blocker propranolol in various types of tachycardia in conscious dogs (author's transl)] Lehmann HD. **DTW** 1981 Jun 5;88(6):239-41 (Eng. Abstr.) **(Ger)**

AURICULAR FIBRILLATION

[Exercise tolerance and working capacity of the left ventricle after pharmacologic disruption of atrial fibrillation and restoration of sinus rhythm] Zikmund M, et al. **Vnitr Lek** 1981 Oct; 27(10):970-5 (Eng. Abstr.) **(Cze)**

[Anti-arrhythmic effectiveness of ethmozine, cordaron and rhythmodan in treating ischemic heart disease] Zhivoderov VM, et al. **Kardiologiia** 1981 Sep;21(9):41-4 (Eng. Abstr.) **(Rus)**

BASAL METABOLISM

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153-60

BASEBALL

Performance of baseball headgear. Goldsmith W, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):31-7

Response time comparisons among four base running starting techniques in slow pitch softball. Israel RG, et al. **Res Q Exerc Sport** 1981 Oct;52(3):324-9

BIOFLAVONOIDS

Effect of bioflavonoids on the mechanical & thermal properties of skin & tendon. Rao CN, et al. **Indian J Biochem Biophys** 1981 Jun;18(3):224-8

BIOMECHANICS

Pharmacological studies of the uninhibited neurogenic bladder. I. The influence of repeated filling and various filling rates on the cystometrogram of neurological patients with normal and uninhibited neurogenic bladder. Jensen D Jr. **Acta Neurol Scand** 1981 Sep;64(3):145-74

Electrical activity and force during voluntary contraction of normal and diseased muscle. Fuglsang-Frederiksen A. **Acta Neurol Scand [Suppl]** 1981;63(83):1-60

Function after removal of various hip and thigh muscles for extirpation of tumors. Markhede G, et al. **Acta Orthop Scand** 1981 Aug;52(4):373-95

Characterization of anisotropic elastic properties of the arteries by exponential and polynomial strain energy functions. Hudetz AG, et al. **Acta Physiol Acad Sci Hung** 1981;57(2):111-22

Kinesiology. III. An analysis of peak efforts in sports activities. Miller WE. **Am J Sports Med** 1982 Jan-Feb;10(1):38-9

Kinesiology. II. A practical discussion of certain muscle actions in a few illustrative sports activities. Miller WE. **Am J Sports Med** 1981 Nov-Dec;9(6):405-8

On the forces exerted on the hip during gait. Maquet P, et al. **Arch Orthop Trauma Surg** 1981;99(1):53-8

Electromyographic response of the elbow flexors to a changing, dislocating force. Hanson CT, et al. **Arch Phys Med Rehabil** 1981 Dec;62(12):631-4

Kinematic and myoelectric analysis of skill acquisition: I. 90cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):575-82

Kinematic and myoelectric analysis of skill acquisition: II. 150cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):582-9

Thermal stability, mechanical properties and reducible cross-links of rat tail tendon in experimental diabetes. Andreassen TT, et al. **Biochim Biophys Acta** 1981 Oct 12;677(2):313-7

Locomotion of the filiform sperm of littorina (Gastropoda, Prosobranchia). Buckland-Nicks JA, et al. **Cell Tissue Res** 1981; 219(1):27-39

Reconstruction of traumatic complete loss of the medial collateral ligament: a case report. Grana WA, et al. **Clin Orthop** 1981; (160):153-7

Mechanical properties and reactivity of vessels in isolated perfused lungs of chronically hypoxic rats. Emery CJ, et al. **Clin Sci** 1981 Nov;61(5):569-80

The role of wall stress in the assessment of ventricular function. Mirsky I, et al. **Herz** 1981 Oct;6(5):288-99

Myocardial and ventricular function. Part II: Intact heart. Strobeck JE, et al. **Herz** 1981 Oct;6(5):275-87

Myocardial and ventricular function. Part I: Isolated muscle. Strobeck JE, et al. **Herz** 1981 Oct;6(5):261-74

Basis for the altered arterial wall mechanics in the spontaneously hypertensive rat. Cox RH. **Hypertension** 1981 Jul-Aug; 3(4):485-95

Effect of bioflavonoids on the mechanical & thermal properties of skin & tendon. Rao CN, et al. **Indian J Biochem Biophys** 1981 Jun;18(3):224-8

Endurance training in the rat. I. Myocardial mechanics and biochemistry. Nutter DO, et al. **J Appl Physiol** 1981 Oct; 51(4):934-40

Maximum leg force and power output during short-term dynamic exercise. Sargeant AJ, et al. **J Appl Physiol** 1981 Nov; 51(5):1175-82

A model for the relation between respiratory neural and mechanical outputs. I. Theory. Younes M, et al. **J Appl Physiol** 1981 Oct; 51(4):963-78

The significance of electromechanical and osmotic forces in the nonequilibrium swelling behavior of articular cartilage in tension. Grodzinsky AJ, et al. **J Biomech Eng** 1981 Nov; 103(4):221-31

Management of patellar malalignment. Kettelkamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344-8 (45 ref.)

Stabilizing mechanisms preventing anterior dislocation of the glenohumeral joint. Turkel SJ, et al. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1208-17

Mechanics of competition walking. Cavagna GA, et al. **J Physiol (Lond)** 1981 Jun;315:243-51

Response time comparisons among four base running starting techniques in slow pitch softball. Israel RG, et al. **Res Q Exerc Sport** 1981 Oct;52(3):324-9

Progression of idiopathic scoliosis: an analysis of muscle actions and body weight influences. Haderspeck K, et al. **Spine** 1981 Sep-Oct;6(5):447-55

Correction of scoliosis by muscle stimulation: biomechanical analyses. Schultz A, et al. **Spine** 1981 Sep-Oct;6(5):468-76

[Oscillographic assessment of forces during burdening of the leg by the body weight (author's transl)] Rybka V. **Acta Chir Orthop Traumatol Cech** 1981 Oct;48(5):388-410 (Eng. Abstr.) **(Cze)**

[Double approach to the study of high jumping: attention demands and biomechanics] Girouard Y, et al. **Can J Appl Sport Sci** 1981 Sep;6(3):126-31 (Eng. Abstr.) **(Fre)**

[Biomechanics, technique and results of fibular ligamentous grafting at the ankle joint (author's transl)] Wirth CJ, et al. **Aktuel Traumatol** 1981 Oct;11(5):175-8 (Eng. Abstr.) **(Ger)**

[Ventricular and myocardial function of the pressure-overloaded left ventricle during exercise (author's transl)] Jehle J, et al. **Herz** 1981 Oct;6(5):300-9 (Eng. Abstr.) **(Ger)**

[The development of artificial legs] Siebenmann D, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):81-8 (Eng. Abstr.) **(Ger)**

[Biomechanics of the hip joint] Sotirow B. **Chir Narzadow Ruchu Ortop Pol** 1981;46(2):143-6 (Eng. Abstr.) **(Pol)**

[Effect of calcium on the temporal characteristics of muscle contraction] Bukatina AE, et al. **Biofizika** 1981 Jul-Aug; 26(4):749-51 (Eng. Abstr.) **(Rus)**

[Dynamics of muscle relaxation following unfused tetanus of different durations] Gurfinkel' VS, et al. **Biofizika** 1981 Jul-Aug; 26(4):709-11 (Eng. Abstr.) **(Rus)**

[Effects of inotropic factors on rabbit papillary muscles when their initial length and temperature is altered] Kaz'min SG, et al. **Fiziol Zh** 1981 Sep-Oct;27(5):623-7 (Eng. Abstr.) **(Rus)**

BLOOD GAS ANALYSIS

Breathing during exercise in airway obstruction. Jones NL. **Bull Eur Physiopathol Respir** 1981;17(5):737-9

Exercise-induced asthma - a comparison between two modes of exercise stress. Inbar O, et al. **Eur J Respir Dis** 1981 Jun; 62(3):160-7

[Gas exchanges on effort in diffuse pulmonary emphysema (author's transl)] Lampert-Benignus E, et al. **Poumon Coeur** 1981; 37(3):187-93 (Eng. Abstr.) **(Fre)**

BLOOD PRESSURE

Blood pressure and heart rate response to static exercise in relation to electromyographic activity and force development. Schibye B, et al. **Acta Physiol Scand** 1981 Sep;113(1):61-6

Improvement in supine bicycle exercise performance in refractory congestive heart failure after isosorbide dinitrate: radionuclide and hemodynamic evaluation of acute effects. Hecht HS, et al. **Am J Cardiol** 1982 Jan;49(1):133-40

Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Thompson PD, et al. **Am J Cardiol** 1981 Nov;48(5):844-50

Metoprolol administered once daily in the treatment of hypertension. A double-blind crossover comparison between conventional tablets and metoprolol Durules. Asplund J, et al. **Ann Clin Res** 1981;13 Suppl 30:30-6

Coronary collaterals: role in restoration of blood flow and preservation of cardiac function during exercise. Cohen MV, et al. **Basic Res Cardiol** 1981 Sep-Oct;76(5):474-9

Radiotelemetry of direct blood pressure measurements in the arterial and pulmonary circulation. Bachmann K, et al.

Biotelem Patient Monit 1981;8(1-2):15-27

Ambulatory monitoring of arterial blood pressure. Comparison between blood pressure measurements obtained with the Remler M 2000 portable recorder and by radiotelemetry under laboratory conditions and during everyday activities. Bachmann K, et al. **Biotelem Patient Monit** 1981;8(1-2):47-55

Continuous recording of intra-arterial blood pressure during graded bicycle ergometry and stair climbing in essential hypertension. Millar-Craig MW, et al. **Biotelem Patient Monit** 1981;8(1-2):33-46

Continuous tape-recording of ambulatory blood pressure. Technical considerations. Millar-Craig MW, et al. **Biotelem Patient Monit** 1981;8(1-2):56-66

Clinical relevance of ambulatory blood pressure measurements. Perloff D, et al. **Biotelem Patient Monit** 1981;8(1-2):67-80

Fully automatic portable recording of indirect blood pressures in subjects awake and asleep, at home and at work. Schneider RA. **Biotelem Patient Monit** 1981;8(1-2):81-9

Comparison of radiotelemetry of blood pressure and standard exercise tests. Zerzawy R, et al. **Biotelem Patient Monit** 1981;8(1-2):90-9

Radiotelemetry of direct blood pressure. Zerzawy R, et al. **Biotelem Patient Monit** 1981;8(1-2):7-14

Correlation of early hemodynamics during myocardial infarction and subsequent exercise testing. Cintrón G, et al. **Bol Asoc Med PR** 1981 Jul;73(7):316-20

Aortic regurgitation. Detection of left ventricular dysfunction by exercise echocardiography. Paulsen W, et al. **Br Heart J** 1981 Oct;46(4):380-8

Influence of intrinsic sympathomimetic activity of beta-adrenoceptor blockers on the heart rate and blood pressure responses to graded exercise. Jennings G, et al. **Br J Clin Pharmacol** 1981 Sep;12(3):355-62

Estimation of maximum left ventricular inotropic response from changes in isovolumic indices of contractility in the dog. Broughton A, et al. **Cardiovasc Res** 1981 Jul;15(7):382-9

Peak left ventricular pressure/volume (Emax) during exercise in control subjects and children with left-sided cardiac disease. Alpert BS, et al. **Cathet Cardiovasc Diagn** 1981;7(2):145-53

Effect of platelet suppressant treatment with dipyridamole and aspirin on exercise performance and platelet survival time in coronary disease. Steele P, et al. **Chest** 1981 Nov;80(5):557-61

Autonomic regulation of cardiovascular function in neonates. Gootman PM, et al. **Ciba Found Symp** 1980 Oct;(83):70-93

Cardiovascular responses to exercise in middle-aged men after 10 days of bedrest. Convertino V, et al. **Circulation** 1982 Jan;65(1):134-40

Effects of 12 months of intense exercise training on ischemic ST-segment depression in patients with coronary artery disease. Ehsani AA, et al. **Circulation** 1981 Dec;64(6):1116-24

The pathophysiology of angina pectoris and the effect of lidoflazine. Gobel FL, et al. **Circulation** 1982 Jan;65(1 Pt 2):127-32 (49 ref.)

The 24-hour ambulatory blood pressure profile with verapamil. Gould BA, et al. **Circulation** 1982 Jan;65(1):22-7

Arterial dilators in mitral regurgitation: effects on rest and exercise hemodynamics and long-term clinical follow-up. Greenberg BH, et al. **Circulation** 1982 Jan;65(1):181-7

The relationship of cardiac output and arterial pressure control. Guyton AC. **Circulation** 1981 Dec;64(6):1079-88 (34 ref.)

Verapamil versus placebo in relieving stable angina pectoris. Pine MB, et al. **Circulation** 1982 Jan;65(1):17-22

Demonstration of training effect during chronic beta-adrenergic blockade in patients with coronary artery disease. Pratt CM, et al. **Circulation** 1981 Dec;64(6):1125-9

Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Rainwater J, et al. **Circulation** 1982 Jan;65(1):77-81

Effects of molsidomine on global and regional left ventricular function at rest and during exercise in patients with angina pectoris. Nechwatal W, et al. **Clin Cardiol** 1981 Sep-Oct;4(5):248-53

Intralymphocytic sodium concentration: a sensitive index to identify young subjects at risk of hypertension. Ambrosioni E, et al. **Clin Exp Hypertens** 1981;3(4):675-91

Cardiopulmonary resuscitation: physical stress on the rescuer. Lonergan JH, et al. **Crit Care Med** 1981 Nov;9(11):793-5

The effect of deep muscle temperature on the cardiovascular responses of man to static effort. Petrofsky JS, et al. **Eur J Applied Physiol** 1981;47(1):7-16

Relative activities of atenolol and metoprolol on the cardiovascular system of man. Harry JD, et al. **Eur J Clin Pharmacol** 1981;20(1):9-15

Circulatory effects of sublingual and oral sustained-release nitroglycerin in healthy young men. Nyberg G, et al. **Eur J Clin Pharmacol** 1981 Mar;19(4):245-9

The role of wall stress in the assessment of ventricular function. Mirsky I, et al. **Herz** 1981 Oct;6(5):288-99

Myocardial and ventricular function. Part I: Isolated muscle. Strobeck JE, et al. **Herz** 1981 Oct;6(5):261-74

Myocardial and ventricular function. Part II: Intact heart. Strobeck JE, et al. **Herz** 1981 Oct;6(5):275-87

Effects of captopril on vascular reactivity of SHR in vivo and in vitro. Antonaccio MJ, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-211-5

Sympathetic nervous system response to graded exercise: effect of beta-blockade. Barontini MB, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-155-9

Basis for the altered arterial wall mechanics in the spontaneously hypertensive rat. Cox RH. **Hypertension** 1981 Jul-Aug;3(4):485-95

Antiadrenergic therapy: special aspects in hypertension in the elderly. Messerli FH, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-226-9

Anxiety, anger, and neurogenic tone at rest and in stress in patients with primary hypertension. Sullivan P, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-119-23

Comparison of antihypertensive activity of atenolol and methyldopa at rest and during exercise. Magnani B, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Oct;19(10):440-4

Pharmacokinetic and haemodynamic studies with prazosin in chronic heart failure. Silke B, et al. **Ir J Med Sci** 1981 Aug;150(8):240-7

Cardiovascular responses to exercise following adolescent hypertensive pregnancy. Cottrill CM, et al. **J Adolesc Health Care** 1981 Dec;1(2):91-5

Exercise-induced anaphylaxis as a manifestation of cholinergic urticaria. Kaplan AP, et al. **J Allergy Clin Immunol** 1981 Oct;68(4):319-24

Exercise-induced urticaria, angioedema, and anaphylactoid episodes. Lewis J, et al. **J Allergy Clin Immunol** 1981 Dec;68(6):432-7

Effect of exhaustive exercise on myocardial performance. Grimditch GK, et al. **J Appl Physiol** 1981 Nov;51(5):1098-102

Left ventricular function in marathon runners: echocardiographic assessment. Paulsen W, et al. **J Appl Physiol** 1981 Oct;51(4):881-6

Swimming and physical fitness during pregnancy. Sibley L, et al. **J Nurse Midwife** 1981 Nov-Dec;26(6):3-12

Effect of training on blood pressure and heart rate measured continuously during exercise. Man-I M, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):97-112

Reduction of coronary atherosclerosis by moderate conditioning exercise in monkeys on an atherogenic diet. Kramsch DM, et al. **N Engl J Med** 1981 Dec 17;305(25):1483-9

Physiological and psychological characteristics associated with women's participation in intercollegiate athletics. Renfrow NE, et al. **Percept Mot Skills** 1981 Aug;53(1):90

Arterial pressure, cardiac output and exercise hyperemia in chemically sympathectomized rats. Rodionov IM, et al. **Pflugers Arch** 1981 Oct;391(4):324-6

Neural regulation of blood flow in nonworking muscles. Part III. Littell EH. **Phys Ther** 1981 Nov;61(11):1575-84

The covariation of blood pressure and pulse transit time in hypertensive patients. Allen RA, et al. **Psychophysiology** 1981 May;18(3):301-6

Relationships of pulse transmission times to pre-ejection period and blood pressure. Newlin DB. **Psychophysiology** 1981 May;18(3):316-21

Decompression sickness: a medical emergency. Pelosi G, et al. **Resuscitation** 1981 Sep;9(3):201-9

Effects of exercise on urinary excretion of albumin and beta 2-microglobulin in young patients with mild essential hypertension without treatment and during long-term propranolol treatment. Pedersen EB, et al. **Scand J Clin Lab Invest** 1981 Sep;41(5):493-8

Reduced sympathetic nervous system responsivity associated with the relaxation response. Hoffman JW, et al. **Science** 1982 Jan 8;215(4529):190-2

Experience of treadmill exercise testing in ischemic heart disease. Hsu TS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):740-50

Effects of digoxin on exercise performance in normal subjects. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jan;80(1):78-92

The changes in left ventricular function during multistage bicycle supine exercise testing. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):653-72

Use of exercise tests in assessment of the functional result of aortocoronary bypass surgery. Luksic IY, et al. **Thorax** 1981 Jun;36(6):428-34

[Data from a study of variations of arterial pressure during exercise in boys aged 11 to 16] Dechelette E, et al. **Arch Mal Coeur** 1981 Jun;74 Spec No:27-35 (Eng. Abstr.) **(Fre)**

[Reduction of catecholamine liberation by drugs. Therapeutic alternative to beta sympathicolysis in coronary disease?] Lönne E, et al. **Fortschr Med** 1981 Oct 15;99(39):1616-20 (Eng. Abstr.) **(Ger)**

[Ventricular and myocardial function of the pressure-overloaded

PHYSICAL FITNESS/SPORTS MEDICINE

BLOOD PRESSURE

left ventricle during exercise (author's transl)] Jehle J, et al. **Herz** 1981 Oct;6(5):300-9 (Eng. Abstr.) (Ger)
[Cardiac ischemia on exercise. Effect of nifedipine and acebutolol singly and in combination (author's transl)] Strasser R, et al. **MMW** 1981 Aug 28;123(35):1303-6 (Eng. Abstr.) (Ger)
[Right and left ventricular function during exercise-induced angina pectoris in patients with coronary artery disease (author's transl)] Karsch KR, et al. **Z Kardiol** 1981 Dec;70(12):902-7 (Eng. Abstr.) (Ger)
[On the significance of combined kinesitherapy for the rehabilitation of ageing people with essential hypertension (author's transl)] Winterfeld HS, et al. **ZFA (Dresden)** 1981; 36(2):129-31 (Eng. Abstr.) (Ger)
[Effects of TV-game and healthy endurance running on biological functions (author's transl)] An'ei T. **Nippon Eiseigaku Zasshi** 1981 Feb;35(6):858-63 (Eng. Abstr.) (Jpn)
[Determination of the myocardial reserve by ergometry] Pomerantsev VP, et al. **Kardiologiia** 1981 Sep;21(9):68-72 (Eng. Abstr.) (Rus)
[Mathematical modeling of human cardiovascular reactions under postural test and physical loading conditions] Arsent'eva IV. **Kosm Biol Aviakosm Med** 1981;15(3):31-4 (Eng. Abstr.) (Rus)
[Physical exercise in patients with diabetes mellitus (literature review and author's data)] Efimov AS, et al. **Ter Arkh** 1981, 53(7):139-42 (Eng. Abstr.) (Rus)
[Adaptation of the heart to physical load in patients with chronic glomerulonephritis in the non-hypertensive stages] Todorenko AD, et al. **Vrach Delo** 1981 Oct;(10):42-6 (Eng. Abstr.) (Rus)

BLOOD PRESSURE DETERMINATION

Effect of training on blood pressure and heart rate measured continuously during exercise. Man-I M, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):97-112
[Blood pressure measurement at rest and activity blood pressure load (author's transl)] Mallion JM, et al. **Nouv Presse Med** 1981 Oct 3;10(35):2877-9 (Eng. Abstr.) (Fre)

BODY COMPOSITION

Body composition and physical activity in 8-year-old children. Ku LC, et al. **Am J Clin Nutr** 1981 Dec;34(12):2770-5
Exercise-associated amenorrhea: a distinct entity? Schwartz B, et al. **Am J Obstet Gynecol** 1981 Nov 15;141(6):662-70
The effects of competitive road-racing on the body composition, pulmonary function, and cardiovascular system of sport cyclists. Perez HR. **J Sports Med Phys Fitness** 1981 Jun;21(2):165-72
A physiological profile of the Canadian judo team. Taylor AW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):160-4
A nomogram for the estimate of percent body fat from generalized equations. Baun WB, et al. **Res Q Exerc Sport** 1981 Oct; 52(3):380-4
Physical fitness--definition and assessment. Keong GC. **Singapore Med J** 1981 Jun;22(3):176-82
[The effect of exercise programs in the elderly] Wulp MA, et al. **Gerontologie** 1981 Nov;12(4):202-11 (Eng. Abstr.) (Dut)

BODY CONSTITUTION

[Correlation between myopia and muscular strength in the arms] Eremenko NS, et al. **Oftalmol Zh** 1981;36(6):348-51 (Eng. Abstr.) (Rus)

BODY HEIGHT

Longitudinal comparison of aerobic power in active and inactive boys aged 7.0 to 17.0 years. Mirwald RL, et al. **Ann Hum Biol** 1981 Sep-Oct;8(5):405-14
Way of life as a determinant of physical fitness. Epstein Y, et al. **Eur J Applied Physiol** 1981;47(1):1-5
Prediction of maximal oxygen intake over a wide range of air temperature conditions. Sato M, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):81-9
Pulmonary changes during marathon training: a longitudinal study. Kaufmann DA, et al. **Respiration** 1981;41(4):217-23
[Data from a study of variations of arterial pressure during exercise in boys aged 11 to 16] Dechelette E, et al. **Arch Mal Coeur** 1981 Jun;74 Spec No:27-35 (Eng. Abstr.) (Fre)

BODY TEMPERATURE REGULATION

Hypothermia in winter and high altitude sports. Hampton WR. **Conn Med** 1981 Oct;45(10):633-6
The effect of deep muscle temperature on the cardiovascular responses of man to static effort. Petrofsky JS, et al. **Eur J Applied Physiol** 1981;47(1):7-16
Exercise performance and adaptive modifications in the thermoregulatory system. Brück K, et al. **Int J Biometeorol** 1980 Dec;24 Suppl 2:42-53
Arm and leg intravascular temperatures of men during submaximal exercise. Aulick LH, et al. **J Appl Physiol** 1981 Nov; 51(5):1092-7
Rapid brain cooling in the free-running hamster Mesocricetus auratus. Gordon CJ, et al. **J Appl Physiol** 1981 Nov; 51(5):1349-54
Respiration in exercising fowl. II. Respiratory water loss and heat balance. Brackenbury JH, et al. **J Exp Biol** 1981 Aug; 93:327-32
Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. Araki T, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):69-80

BODY WEIGHT

Plasma testosterone, high density lipoprotein cholesterol and other lipoprotein fractions. Gutai J, et al. **Am J Cardiol** 1981 Nov; 48(5):897-902
Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Thompson PD, et al. **Am J Cardiol** 1981 Nov;48(5):844-50
The energy expenditure of female carpet weavers and rural women in Iran. Geissler CA, et al. **Am J Clin Nutr** 1981 Dec; 34(12):2776-83
Body composition and physical activity in 8-year-old children. Ku LC, et al. **Am J Clin Nutr** 1981 Dec;34(12):2770-5
Exercise-associated amenorrhea: a distinct entity? Schwartz B, et al. **Am J Obstet Gynecol** 1981 Nov 15;141(6):662-70
Chronic exposure to a 60-Hz electric field: effects on neuromuscular function in the rat. Jaffe RA, et al. **Bioelectromagnetics** 1981;2(3):227-39
Cardiac hypertrophy in response to an isometric training program in the cat. Muntz KH, et al. **Circ Res** 1981 Nov; 49(5):1092-101
Noninvasive evaluation of exercise training in college-age men. Adams TD, et al. **Circulation** 1981 Nov;64(5):958-65
Effect of exercise-training on the metabolic manifestations of streptozotocin-induced diabetes in the rat. Reaven GM, et al. **Diabetologia** 1981 Oct;21(4):415-7
The effect totigestational exposure to methyl n-butyl ketone has on postnatal development and behavior. Peters MA, et al. **Ecotoxicol Environ Safety** 1981 Sep;5(3):291-306
Way of life as a determinant of physical fitness. Epstein Y, et al. **Eur J Applied Physiol** 1981;47(1):1-5
Feeding patterns of endurance athletes. Kirsch KA, et al. **Eur J Applied Physiol** 1981;47(2):197-208
Endurance training in the rat. II. Performance of isolated and intact heart. Fuller EO, et al. **J Appl Physiol** 1981 Oct;51(4):941-7
Endurance training in the rat. I. Myocardial mechanics and biochemistry. Nutter DO, et al. **J Appl Physiol** 1981 Oct; 51(4):934-40
Age, isometric strength, rate of tension development and fiber type composition. Clarkson PM, et al. **J Gerontol** 1981 Nov; 36(6):648-53
The interaction of aging and endurance exercise upon the mitochondrial function of skeletal muscle. Farrar RP, et al. **J Gerontol** 1981 Nov;36(6):642-7
Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. Araki T, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):69-80
Prediction of maximal oxygen intake over a wide range of air temperature conditions. Sato M, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):81-9
Reduction of coronary atherosclerosis by moderate conditioning exercise in monkeys on an atherogenic diet. Kramsch DM, et al. **N Engl J Med** 1981 Dec 17;305(25):1483-9
Other effects of monoaminergic inhibition with 6-hydroxydopamine and of disulfiram on the response to exercise in rats. Derévenco P, et al. **Physiologie** 1981;18(3):181-5
Progression of idiopathic scoliosis: an analysis of muscle actions and body weight influences. Haderspeck K, et al. **Spine** 1981 Sep-Oct;6(5):447-55
A study of fitness and cardiovascular risk factors in male office workers. Quaal SJ. **West J Nurs Res** 1981 Summer;3(3):9-24
[Oscillographic assessment of forces during burdening of the leg by the body weight (author's transl)] Rybka V. **Acta Chir Orthop Traumatol Cech** 1981 Oct;48(5):388-410 (Eng. Abstr.) (Cze)
[Data from a study of variations of arterial pressure during exercise in boys aged 11 to 16] Dechelette E, et al. **Arch Mal Coeur** 1981 Jun;74 Spec No:27-35 (Eng. Abstr.) (Fre)
[Rehabilitation in an ambulatory coronary training group. A longitudinal study of 5 years after a Hamburg model] Sperhake L, et al. **Fortschr Med** 1981 Nov 19;99(43):1777-81 (Eng. Abstr.) (Ger)
[Influence of body weight reduction on physical capability] Müller W, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):89-96 (Eng. Abstr.) (Ger)

BONE AND BONES

[Disorders of skeletal mineralization in rheumatoid arthritis. II. The effect of inactivity and exercise] Kocián J, et al. **Fysiatr Reumatol Vestn** 1981 Oct;59(5):276-72 (Eng. Abstr.) **(Cze)**

BOXING

Ruptured spleen in a boxer with infectious mononucleosis. Lovaas M. **Minn Med** 1981 Aug;64(8):461-2

Injuries in professional boxing. Their treatment and prevention. Whiteson AL. **Practitioner** 1981 Jul;225(1357):1053-7

BRACHIAL PLEXUS

Pourfour Du Petit syndrome--hypersympathetic dysfunctional state following a direct non-penetrating injury to the cervical sympathetic chain and brachial plexus. Teeple E, et al. **Anesthesiology** 1981 Nov;55(5):591-2

BREATHING EXERCISES

Breathing - anyone? Del Vecchio M. **Heal Light** 1981 Jun; 1(2):6

Respiratory muscle function, assessment, and training. Shaffer TH, et al. **Phys Ther** 1981 Dec;61(12):1711-23

BRONCHIAL PROVOCATION TESTS

Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects [letter] Orehek J. **Am Rev Respir Dis** 1981 Oct;124(4):512-3

The evaluation, control, and modification of continuing asthma. Mansmann HC Jr. **Clin Chest Med** 1980 Sep;1(3):339-60 (136 ref.)

Hyperventilation of exercise to induce asthma? Tweeddale PM, et al. **Thorax** 1981 Aug;36(8):596-8

CAFFEINE

Twitch potentiation by rest in canine ventricular muscle: effects of theophylline. Endoh M, et al. **Am J Physiol** 1981 Oct; 241(4):H583-90

Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. Woodcock AA, et al. **N Engl J Med** 1981 Dec 31;305(27):1611-6

CALCANEUS

Calcaneal epiphysitis in adolescent athletes. McKenzie DC, et al. **Can J Appl Sport Sci** 1981 Sep;6(3):123-5

CALORIMETRY

Calorimeter ergometer for concentric and eccentric work. Snellen JW, et al. **Med Biol Eng Comput** 1981 May;19(3):356-8

CALORIMETRY, INDIRECT

The energy expenditure of female carpet weavers and rural women in Iran. Geissler CA, et al. **Am J Clin Nutr** 1981 Dec; 34(12):2776-83

[Energy expenditure in soldiers working on the public road and railroad construction] Rdzanek J, et al. **Med Pr** 1981; 32(4):297-302 (Eng. Abstr.) **(Pol)**

CARBON DIOXIDE

Respiratory drive during exercise in chronic obstructive lung disease. Sergysels R, et al. **Bull Eur Physiopathol Respir** 1981; 17(5):755-66

Exercise-induced bronchospasm - pathophysiology and treatment. Shephard RJ. **Can J Appl Sport Sci** 1981 Sep;6(3):101-8 (177 ref.)

Cardiovascular responses to exercise in middle-aged men after 10 days of bedrest. Convertino V, et al. **Circulation** 1982 Jan; 65(1):134-40

Chemical breathing controls: slow, intermediate and fast. Filley GF, et al. **Clin Chest Med** 1980 Jan;1(1):13-32 (114 ref.)

Pulmonary function assessment for determination of pulmonary impairment and disability evaluation. Miller WF, et al. **Clin Chest Med** 1981 Sep;2(3):327-41 (101 ref.)

Respiratory control in chronic obstructive pulmonary diseases. Park SS. **Clin Chest Med** 1980 Jan;1(1):73-84 (73 ref.)

Methods to assess breathlessness in healthy subjects: a critical evaluation and application to analyse the acute effects of diazepam and promethazine on breathlessness induced by exercise or by exposure to raised levels of carbon dioxide. Stark RD, et al. **Clin Sci** 1981 Oct;61(4):429-39

Effects of positive and negative exercise on ventilatory CO2 sensitivity. Hulsbosch MA, et al. **Eur J Applied Physiol** 1981; 47(1):73-81

Effect of beta-adrenergic blockade on respiratory and metabolic responses to exercise. Twentyman OP, et al. **J Appl Physiol** 1981 Oct;51(4):788-93

Relative contributions of chemical and non-chemical drives to the breath-holding time in breath-hold divers (Ama). Honda Y, et al. **Jpn J Physiol** 1981;31(2):181-6

Ventilatory response to CO2 rebreathing at rest in the ama. Miyamura M, et al. **Jpn J Physiol** 1981;31(3):423-6

Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. Woodcock AA, et al. **N Engl J Med** 1981 Dec 31;305(27):1611-6

Pulmonary changes during marathon training: a longitudinal study. Kaufmann DA, et al. **Respiration** 1981;41(4):217-23

Exposure to acetone. Uptake and elimination in man. Wigaeus E, et al. **Scand J Work Environ Health** 1981 Jun;7(2):84-94

Effectiveness of a breath during exercise in a hyperbaric environment. Van Liew HD, et al. **Undersea Biomed Res** 1981 Sep;8(3):147-61

CARDIAC OUTPUT

Adipose tissue perfusion and fatty acid release in exercising rats. Larsen T, et al. **Acta Physiol Scand** 1981 Sep;113(1):111-6

Improvement in supine bicycle exercise performance in refractory congestive heart failure after isosorbide dinitrate: radionuclide and hemodynamic evaluation of acute effects. Hecht HS, et al. **Am J Cardiol** 1982 Jan;49(1):133-40

Evaluation of myocardial performance during wheelchair ergometer exercise. Wilde SW, et al. **Am J Phys Med** 1981 Dec; 60(6):277-91

Effects of experimental volume-overload hypertrophy on myocardial blood flow and cardiac function. Badke FR, et al. **Am J Physiol** 1981 Oct;241(4):H564-70

The pathophysiology of inspiratory muscle fatigue. Macklem PT, et al. **Ciba Found Symp** 1981;(82):249-63

Arterial dilators in mitral regurgitation: effects on rest and exercise hemodynamics and long-term clinical follow-up. Greenberg BH, et al. **Circulation** 1982 Jan;65(1):181-7

The relationship of cardiac output and arterial pressure control. Guyton AC. **Circulation** 1981 Dec;64(6):1079-88 (34 ref.)

Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Rainwater J, et al. **Circulation** 1982 Jan;65(1):77-81

Single-pass ventricular function studies. Coleman RE, et al. **Clin Nucl Med** 1981 Oct;6(10S):P117-21

Effects of positive and negative exercise on ventilatory CO2 sensitivity. Hulsbosch MA, et al. **Eur J Applied Physiol** 1981; 47(1):73-81

Myocardial and ventricular function. Part II: Intact heart. Strobeck JE, et al. **Herz** 1981 Oct;6(5):275-87

Myocardial and ventricular function. Part I: Isolated muscle. Strobeck JE, et al. **Herz** 1981 Oct;6(5):261-74

Antiadrenergic therapy: special aspects in hypertension in the elderly. Messerli FH, et al. **Hypertension** 1981 Nov-Dec; 3(6 Pt 2):II-226-9

Effect of exhaustive exercise on myocardial performance. Grimditch GK, et al. **J Appl Physiol** 1981 Nov; 51(5):1098-102

Transient changes in ventilation and cardiac output at the start and end of exercise. Miyamoto Y, et al. **Jpn J Physiol** 1981; 31(2):153-68

Left ventricular ejection fraction and its response to therapy in essential hypertension. Blaufox MD, et al. **Nephron** 1981; 28(3):112-7

Arterial pressure, cardiac output and exercise hyperemia in chemically sympathectomized rats. Rodionov IM, et al. **Pflugers Arch** 1981 Oct;391(4):324-6

[Physiopathology of superficial venous circulation in athletes] Venerando A, et al. **Phlebologie** 1981 Apr-Jun;34(2):289-98 (Eng. Abstr.) **(Fre)**

[Influence of sport on the cardiovascular system in pregnancy (author's transl)] Gastl G, et al. **Wien Med Wochenschr** 1981 Aug 31;131(15-16):383-5 (Eng. Abstr.) **(Ger)**

[Correlation between isovolumic and auxotonic indexes of left ventricular contractility at rest and during exercise (author's transl)] Bussmann WD, et al. **Z Kardiol** 1981 Dec; 70(12):884-8 (Eng. Abstr.) **(Ger)**

CARDIOVASCULAR SYSTEM

Autonomic regulation of cardiovascular function in neonates. Gootman PM, et al. **Ciba Found Symp** 1980 Oct;(83):70-93

Fitness evaluation and exercise prescription. Mead WF, et al. **J Fam Pract** 1981 Dec;13(7):1039-50

[Mathematical modeling of human cardiovascular reactions under

PHYSICAL FITNESS/SPORTS MEDICINE

CARDIOVASCULAR SYSTEM

postural test and physical loading conditions] Arsent'eva IV. **Kosm Biol Aviakosm Med** 1981;15(3):31-4 (Eng. Abstr.) **(Rus)**

CARNITINE

Riboflavin-responsive lipid myopathy and carnitine deficiency. Carroll JE, et al. **Neurology (NY)** 1981 Dec;31(12):1557-9

CARTILAGE, ARTICULAR

Running inhibits the reversal of atrophic changes in canine knee cartilage after removal of a leg cast. Palmoski MJ, et al. **Arthritis Rheum** 1981 Nov;24(11):1329-37

The significance of electromechanical and osmotic forces in the nonequilibrium swelling behavior of articular cartilage in tension. Grodzinsky AJ, et al. **J Biomech Eng** 1981 Nov; 103(4):221-31

CERVICAL VERTEBRAE

Pseudovacuum of the cervical intervertebral disc: a normal variant. Daffner RH, et al. **AJR** 1981 Oct;137(4):737-9

Weight training-related injuries in the high school athlete. Brady TA, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):1-5

CHOLESTEROL

Plasma testosterone, high density lipoprotein cholesterol and other lipoprotein fractions. Gutai J, et al. **Am J Cardiol** 1981 Nov; 48(5):897-902

Relation between high density lipoprotein cholesterol and coronary artery disease in asymptomatic men. Uhl GS, et al. **Am J Cardiol** 1981 Nov;48(5):903-10

Diet, other lifestyle factors and HDL cholesterol in a population of Australian male service recruits. Dwyer T, et al. **Am J Epidemiol** 1981 Nov;114(5):683-96

Serumlipoprotein cholesterol in sedentary and trained male patients with coronary heart disease. Berg A, et al. **Clin Cardiol** 1981 Sep-Oct;4(5):233-7

Characteristics of well-trained athletes in prolonged exercise from the viewpoint of aerobic power. Shibayama H, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):55-68

Exercise and lipid metabolism. Oscai LB. **Prog Clin Biol Res** 1981; 67:383-90 (65 ref.)

Relationship of high density lipoprotein cholesterol concentration to the duration and intensity of endurance training. Myhre K, et al. **Scand J Clin Lab Invest** 1981 May;41(3):303-9

A study of fitness and cardiovascular risk factors in male office workers. Quaal SJ. **West J Nurs Res** 1981 Summer;3(3):9-24

[Influence of starvation and kinesitherapy on blood lipids and their fractions (author's transl)] Jungmann H, et al. **Klin Wochenschr** 1981 Sep 15;59(18):1061-4 (Eng. Abstr.) **(Ger)**

[Microcirculation tolerance for physical loading and homeostatic indices in stenocardia] Anikin VV, et al. **Kardiologiia** 1981 Aug; 21(8):92-5 (Eng. Abstr.) **(Rus)**

[Hemodynamics and oxygen supply after physical exertion in ischemic heart disease as related to blood cholesterol and triglyceride levels] Ianovskiĭ GV, et al. **Ter Arkh** 1981; 53(8):34-8 (Eng. Abstr.) **(Rus)**

CHRONIC DISEASE

Carbon monoxide and exercise tolerance in chronic bronchitis and emphysema. Calverley PM, et al. **Br Med J [Clin Res]** 1981 Oct 3;283(6296):878-80

Spirometry and gas exchange in chronic pulmonary thromboembolism. Riedel M, et al. **Bull Eur Physiopathol Respir** 1981;17(2):209-21

Mechanical properties and reactivity of vessels in isolated perfused lungs of chronically hypoxic rats. Emery CJ, et al. **Clin Sci** 1981 Nov;61(5):569-80

Pharmacokinetic and haemodynamic studies with prazosin in chronic heart failure. Silke B, et al. **Ir J Med Sci** 1981 Aug; 150(8):240-7

Intracompartmental pressure increase on exertion in patients with chronic compartment syndrome in the leg. Puranen J, et al. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1304-9

[Adaptation of the heart to physical load in patients with chronic glomerulonephritis in the non-hypertensive stages] Todorenko AD, et al. **Vrach Delo** 1981 Oct;(10):42-6 (Eng. Abstr.) **(Rus)**

COCAINE

Inactivation of released norepinephrine in rat tail artery by neuronal uptake. Webb RC, et al. **J Cardiovasc Pharmacol** 1980; 2(2):121-32

CODEINE

Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. Woodcock AA, et al. **N Engl J Med** 1981 Dec 31;305(27):1611-6

COLD

Regional coronary angiographic observations during cold stimulation in patient with exertional chest pain: comparison of diameter responses in normal and fixed stenotic vessels. Feldman RL, et al. **Am Heart J** 1981 Nov;102(5):822-30

Sympathoadrenal and cardiovascular responses to mental stress, isometric handgrip, and cold pressor test in asymptomatic young men with primary T wave abnormalities in the electrocardiogram. Atterhög JH, et al. **Br Heart J** 1981 Sep; 46(3):311-9

Isometric contractile properties and instantaneous stiffness of amphibian skeletal muscle in the temperature range from 0 to 20 degrees C. Bressler BH. **Can J Physiol Pharmacol** 1981 Jun; 59(6):548-54

Exercise performance and adaptive modifications in the thermoregulatory system. Brück K, et al. **Int J Biometeorol** 1980 Dec;24 Suppl 2:42-53

Identification of a new physically induced urticaria: cold-induced cholinergic urticaria. Kaplan AP, et al. **J Allergy Clin Immunol** 1981 Dec;68(6):438-41

Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. Araki T, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):69-80

Clinical study of paramyotonia congenita with and without myotonia in a warm environment. Haass A, et al. **Muscle Nerve** 1981 Sep-Oct;4(5):388-95

The covariation of blood pressure and pulse transit time in hypertensive patients. Allen RA, et al. **Psychophysiology** 1981 May;18(3):301-6

COMPARTMENT SYNDROMES

Recurrent compartment syndrome in the posterior thigh. Report of a case. Raether PM, et al. **Am J Sports Med** 1982 Jan-Feb; 10(1):40-3

Open tibia fracture with compartment syndrome. DeLee JCU, et al. **Clin Orthop** 1981;(160):175-84

Intracompartmental pressure increase on exertion in patients with chronic compartment syndrome in the leg. Puranen J, et al. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1304-9

Exercise-induced anterior tibial compartment compression syndrome in the elderly. Sweeney RC, et al. **Postgrad Med J** 1981 Aug;57(670):537-8

COMPETITIVE BEHAVIOR

Sudden death while playing professional football. Roberts WC, et al. **Am Heart J** 1981 Dec;102(6 Pt 1):1062-3

Personality and injury in competitive runners. Valliant PM. **Percept Mot Skills** 1981 Aug;53(1):251-3

[Vectorcardiographic criteria of ventricular hypertrophy in a population of athletes] Chignon JC, et al. **Arch Mal Coeur** 1981 Sep;74(9):1099-105 (Eng. Abstr.) **(Fre)**

CONTACT LENSES

Contact lenses for athletes. Weis DR. **Int Ophthalmol Clin** 1981 Winter;21(4):139-48

CONTACT LENSES, HYDROPHILIC

Contact lenses for athletes. Weis DR. **Int Ophthalmol Clin** 1981 Winter;21(4):139-48

CONTUSIONS

Mechanical bull injuries: the empty saddle syndrome. Ten Eyck RP, et al. **Ann Emerg Med** 1981 Nov;10(11):582-4

[Post-traumatic myositis ossificans] Altieri E, et al. **Chir Organi Mov** 1981 May-Jun;66(3):415-20 (Eng. Abstr.) **(Ita)**

CORONARY CIRCULATION

Evidence of impaired myocardial perfusion and abnormal left ventricular function during exercise in patients with isolated systolic narrowing of the left anterior descending coronary artery. Ahmad M, et al. **Am J Cardiol** 1981 Nov;48(5):832-6

Intravenous dipyridamole combined with isometric handgrip for near maximal acute increase in coronary flow in patients with coronary artery disease. Brown BG, et al. **Am J Cardiol** 1981 Dec;48(6):1077-85

Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Thompson PD, et al. **Am J Cardiol** 1981 Nov;48(5):844-50

Effects of experimental volume-overload hypertrophy on myocardial blood flow and cardiac function. Badke FR, et al. **Am J Physiol** 1981 Oct;241(4):H564-70

Coronary collaterals: role in restoration of blood flow and preservation of cardiac function during exercise. Cohen MV, et al. **Basic Res Cardiol** 1981 Sep-Oct;76(5):474-9

Static exercise in anesthetized dogs, a cause of reflex alpha-adrenergic coronary vasoconstriction. Longhurst JC, et al. **Basic Res Cardiol** 1981 Sep-Oct;76(5):530-5

Effect of platelet suppressant treatment with dipyridamole and aspirin on exercise performance and platelet survival time in coronary disease. Steele P, et al. **Chest** 1981 Nov; 80(5):557-61

Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Rainwater J, et al. **Circulation** 1982 Jan;65(1):77-81

The effects of lidoflazine on exercise performance and thallium stress scintigraphy in patients with stable angina pectoris. Shapiro W, et al. **Circulation** 1982 Jan;65(1 Pt 2):143-50

Single-composite image display of information from tomographic myocardial perfusion studies. Klingensmith WC 3d, et al. **Radiology** 1981 Oct;141(1):242-5

Use of exercise tests in assessment of the functional result of aortocoronary bypass surgery. Luksic IY, et al. **Thorax** 1981 Jun; 36(6):428-34

[Results of the bicycle-ergometric tests in post-infarct cardiosclerosis] Churin VD, et al. **Kardiologiia** 1981; 21(10):97-101 (Eng. Abstr.) **(Rus)**

CORONARY DISEASE

Regional coronary angiographic observations during cold stimulation in patient with exertional chest pain: comparison of diameter responses in normal and fixed stenotic vessels. Feldman RL, et al. **Am Heart J** 1981 Nov;102(5):822-30

Sudden death while playing professional football. Roberts WC, et al. **Am Heart J** 1981 Dec;102(6 Pt 1):1062-3

Intravenous dipyridamole combined with isometric handgrip for near maximal acute increase in coronary flow in patients with coronary artery disease. Brown BG, et al. **Am J Cardiol** 1981 Dec;48(6):1077-85

Localization of coronary artery disease with exercise electrocardiography: correlation wit thallium-201 myocardial perfusion scanning. Dunn RF, et al. **Am J Cardiol** 1981 Nov; 48(5):837-43

Plasma testosterone, high density lipoprotein cholesterol and other lipoprotein fractions. Gutai J, et al. **Am J Cardiol** 1981 Nov; 48(5):897-902

Relation between high density lipoprotein cholesterol and coronary artery disease in asymptomatic men. Uhl GS, et al. **Am J Cardiol** 1981 Nov;48(5):903-10

Computer-enhanced thallium scintigrams in asymptomatic men with abnormal exercise tests. Uhl GS, et al. **Am J Cardiol** 1981 Dec;48(6):1037-43

Coronary collaterals: role in restoration of blood flow and preservation of cardiac function during exercise. Cohen MV, et al. **Basic Res Cardiol** 1981 Sep-Oct;76(5):474-9

Exercise first-pass radionuclide ventriculography in detection of coronary artery disease [letter] Marx P, et al. **Br Heart J** 1981 Oct;46(4):461-3

Thallium-201 myocardial imaging in patients with dilated and ischaemic cardiomyopathy. Saltissi S, et al. **Br Heart J** 1981 Sep; 46(3):290-5

Stress, personality, and coronary artery disease. Davies MH. **Br J Hosp Med** 1981 Oct;26(4):350, 353, 359-60

Coronary artery disease. Rothbaum DA. **Cardiovasc Clin** 1981; 12(1):105-18

Clinical significance and characteristics of exercise-induced ventricular tachycardia. Codini MA, et al. **Cathet Cardiovasc Diagn** 1981;7(3):227-34

Effect of platelet suppressant treatment with dipyridamole and aspirin on exercise performance and platelet survival time in coronary disease. Steele P, et al. **Chest** 1981 Nov; 80(5):557-61

Effects of 12 months of intense exercise training on ischemic ST-segment depression in patients with coronary artery disease. Ehsani AA, et al. **Circulation** 1981 Dec;64(6):1116-24

The pathophysiology of angina pectoris and the effect of lidoflazine. Gobel FL, et al. **Circulation** 1982 Jan; 65(1 Pt 2):127-32 (49 ref.)

The effect of age on heart rate in subjects free of heart disease. Studies by ambulatory electrocardiography and maximal exercise stress test. Kostis JB, et al. **Circulation** 1982 Jan;65(1):141-5

Influence of the location of left anterior descending coronary artery stenosis on left ventricular function during exercise. Leong K, et al. **Circulation** 1982 Jan;65(1):109-14

Association of asynchronous protodiastolic segmental wall motion with impaired left ventricular relaxation. Ludbrook PA, et al. **Circulation** 1981 Dec;64(6):1201-11

Pulmonary blood volume ratio response to exercise; a noninvasive determination of exercise-induced changes in pulmonary capillary wedge pressure. Okada RD, et al. **Circulation** 1982 Jan; 65(1):126-33

Demonstration of training effect during chronic beta-adrenergic blockade in patients with coronary artery disease. Pratt CM, et al. **Circulation** 1981 Dec;64(6):1125-9

Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Rainwater J, et al. **Circulation** 1982 Jan;65(1):77-81

The effects of lidoflazine on exercise performance and thallium stress scintigraphy in patients with stable angina pectoris. Shapiro W, et al. **Circulation** 1982 Jan;65(1 Pt 2):143-50

Serumlipoprotein cholesterol in sedentary and trained male patients with coronary heart disease. Berg A, et al. **Clin Cardiol** 1981 Sep-Oct;4(5):233-7

Single-pass ventricular function studies. Coleman RE, et al. **Clin Nucl Med** 1981 Oct;6(10S):P117-21

Maximizing the information from thallium studies. Logic JR. **Clin Nucl Med** 1981 Oct;6(10S):P110-6

Cardiopulmonary resuscitation: physical stress on the rescuer. Lonergan JH, et al. **Crit Care Med** 1981 Nov;9(11):793-5

Physical fitness in children: implications for the prevention of coronary artery disease. Rowland TW. **Curr Probl Pediatr** 1981 Jul;11(9):1-54 (184 ref.)

The isopotential plot—a new method for the assessment of ST amplitude changes provoked by an exercise test. Bjurö TI, et al. **Eur Heart J** 1980 Jun;1(3):213-23

Myocardial perfusion imaging with thallium-201 to assess left ventricular hypertrophy and regional ischaemia in hypertensive patients. Folmer SC, et al. **Eur J Clin Invest** 1981 Aug; 11(4):291-7

Effect of long-term beta-blockade with alprenolol on platelet function and fibrinolytic activity in patients with coronary heart disease. Jürgensen HJ, et al. **Eur J Clin Pharmacol** 1981; 20(4):245-50

Cardiac rehabilitation: state of the art. Goldmann MA. **Geriatrics** 1981 Nov;36(11):103-12

The role of wall stress in the assessment of ventricular function. Mirsky I, et al. **Herz** 1981 Oct;6(5):288-99

Transient pathological Q waves in the electrocardiogram induced by exercise. Chacko KA, et al. **Indian Heart J** 1981 May-Jun; 33(3):109-13

Pharmacokinetic and haemodynamic studies with prazosin in chronic heart failure. Silke B, et al. **Ir J Med Sci** 1981 Aug; 150(8):240-7

Secondary prevention in myocardial infarction survivors. **Ir Med J** 1981 Sep;74(9):245-7

Fitness evaluation and exercise prescription. Mead WF, et al. **J Fam Pract** 1981 Dec;13(7):1039-50

A comparison of two commonly used stress testing protocols in patients with documented coronary artery disease. Nolewajka AJ, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):138-44

Indications and contraindications for exercise testing. **J Tenn Med Assoc** 1981 Oct;74(10):720-4

Exercise stress body surface isopotential map in patients with coronary artery disease: comparison with coronary angiographic and stress myocardial perfusion scintigraphic findings. Wada M, et al. **Jpn Circ J** 1981 Oct;45(10):1203-7

Quantitative evaluation of treadmill test induced ST-T changes using body surface mapping. Yasui S, et al. **Jpn Circ J** 1981 Oct;45(10):1208-11

Cardiac nuclear medicine, part II: diagnosis of coronary artery disease. Polak JF, et al. **Med Instrum** 1981 Jul-Aug; 15(4):245-7

Primary intervention against coronary atherosclerosis by exercise conditioning? [editorial] Bruce RA. **N Engl J Med** 1981 Dec 17;305(25):1525-6

Reduction of coronary atherosclerosis by moderate conditioning exercise in monkeys on an atherogenic diet. Kramsch DM, et al. **N Engl J Med** 1981 Dec 17;305(25):1483-9

Prognosis of medically treated patients with coronary-artery disease with profound ST-segment depression during exercise testing. Podrid PJ, et al. **N Engl J Med** 1981 Nov 5; 305(19):1111-6

Maximal exercise testing: prognostic value for assessment of coronary heart disease risk. Bruce RA. **Postgrad Med** 1981 Dec; 70(6):161-8

Exercise testing and ancillary techniques to screen for coronary heart disease. Froelicher VF, et al. **Prog Cardiovasc Dis** 1981 Nov-Dec;24(3):261-74 (57 ref.)

Exercise and lipid metabolism. Oscai LB. **Prog Clin Biol Res** 1981; 67:383-90 (65 ref.)

Experience of treadmill exercise testing in ischemic heart disease. Hsu TS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul; 80(7):740-50

Use of exercise tests in assessment of the functional result of aortocoronary bypass surgery. Luksic IY, et al. **Thorax** 1981 Jun; 36(6):428-34

[Treatment of stage II arteriopathy of the lower limbs with coronary involvement (author's transl)] Hodara M. **J Mal Vasc** 1981;6(1):8-9 (Eng. Abstr.) **(Fre)**

PHYSICAL FITNESS/SPORTS MEDICINE

CORONARY DISEASE

[Effort as a diagnostic test in cardiac arrhythmias (author's transl)] Flament F. **Rev Med Brux** 1981 Oct;2(8):683–92 (Eng. Abstr.) **(Fre)**

[Follow-up investigations in coronary heart disease (author's transl)] Bussmann WD, et al. **Dtsch Med Wochenschr** 1981 Oct 23;106(43):1409–12 (Eng. Abstr.) **(Ger)**

[Reduction of catecholamine liberation by drugs. Therapeutic alternative to beta sympathicolysis in coronary disease?] Lönne E, et al. **Fortschr Med** 1981 Oct 15;99(39):1616–20 (Eng. Abstr.) **(Ger)**

[Rehabilitation in an ambulatory coronary training group. A longitudinal study of 5 years after a Hamburg model] Sperhake L, et al. **Fortschr Med** 1981 Nov 19;99(43):1777–82 (Eng. Abstr.) **(Ger)**

['Functional' heart diseases in preinvasive diagnosis. Comparison between male and female patients in a retrospective study] Ludwig J, et al. **MMW** 1981 Oct 23;123(43):1616–8 (Eng. Abstr.) **(Ger)**

[Cardiac ischemia on exercise. Effect of nifedipine and acebutolol singly and in combination (author's transl)] Strasser R, et al. **MMW** 1981 Aug 28;123(35):1303–6 (Eng. Abstr.) **(Ger)**

[The left ventricular function in bicycle ergometric stress before and after aortocoronary bypass surgery] Hirzel HO, et al. **Schweiz Med Wochenschr** 1981 Nov 7;111(45):1718–21 (Eng. Abstr.) **(Ger)**

[Ergometric dose-effect study of bunitrolol (Stresson) in patients with coronary heart disease (author's transl)] Böhm H, et al. **Wien Med Wochenschr** 1981 Sep 30;131(18):457–61 (Eng. Abstr.) **(Ger)**

[Latent and exertion cardiac insufficiency––an indication for nitrates] Olthoff KH, et al. **Z Gesamte Inn Med** 1981 Sep 15; 36(18):644–9 (Eng. Abstr.) **(Ger)**

[Correlation between isovolumic and auxotonic indexes of left ventricular contractility at rest and during exercise (author's transl)] Bussmann WD, et al. **Z Kardiol** 1981 Dec; 70(12):884–8 (Eng. Abstr.) **(Ger)**

[ST-segment depression and R-amplitude changes during bicycle stress test in patients with coronary artery disease (author's transl)] Hoberg E, et al. **Z Kardiol** 1981 Oct;70(10):776–80 (Eng. Abstr.) **(Ger)**

[Right and left ventricular function during exercise-induced angina pectoris in patients with coronary artery disease (author's transl)] Karsch KR, et al. **Z Kardiol** 1981 Dec;70(12):902–7 (Eng. Abstr.) **(Ger)**

[Computerized analysis of the changes in the R wave amplitude during exercise tests of normal subjects and coronary disease patients] Manca C, et al. **Boll Soc Ital Cardiol** 1980; 25(5):495–501 (Eng. Abstr.) **(Ita)**

[Dynamic ECG monitoring in ischemic cardiopathy] Zacà F, et al. **Boll Soc Ital Cardiol** 1980;25(6):563–8 (Eng. Abstr.) **(Ita)**

[Influence of left ventricular volume changes induced by Valsalva maneuver on R wave amplitude (author's transl)] Cuomo S, et al. **G Ital Cardiol** 1981;11(7):903–7 (Eng. Abstr.) **(Ita)**

[The exercise test before and after aorto-coronary by-pass (author's transl)] Spinnler MT, et al. **G Ital Cardiol** 1981;11(3):303–9 (Eng. Abstr.) **(Ita)**

[Effects of nifedipine during rehabilitation of patients with aortocoronary bypass] Cerri B, et al. **Minerva Cardioangiol** 1981 Sep;29(9):483–90 (Eng. Abstr.) **(Ita)**

[Exercise training of patients with ischemic heart disease: preliminary study on their trainabilities (author's transl)] Doba N, et al. **Kokyu To Junkan** 1981 Jun;29(6):659–65 (Eng. Abstr.) **(Jpn)**

[Quantitative evaluation of serial 201Tl Myocardial scintigrams after stress testing in ischemic heart disease (author's transl)] Watanabe Y, et al. **Radioisotopes** 1981 May;30(5):268–74 (Eng. Abstr.) **(Jpn)**

[Coronary disease risk factors in persons holding responsible positions with negative and positive results of exercise test on the electrocardiogram] Prochaczek F, et al. **Med Pr** 1981; 32(4):255–9 (Eng. Abstr.) **(Pol)**

[Results of the bicycle-ergometric tests in post-infarct cardiosclerosis] Churin VD, et al. **Kardiologiia** 1981; 21(10):97–101 (Eng. Abstr.) **(Rus)**

[False negative reactions of the bicycle ergometry test in ischemic heart disease and stenosing arteriosclerosis of the coronary arteries] Gasilin VS, et al. **Kardiologiia** 1981;21(10):94–7 (Eng. Abstr.) **(Rus)**

[Rhythmographic study of the frequency dependence of extrasystole in ischemic heart disease] Ianushkevichus ZI, et al. **Kardiologiia** 1981;21(10):43–6 (Eng. Abstr.) **(Rus)**

[Diagnostic importance of the ergometrine test in ischemic heart disease] Sidorenko BA, et al. **Kardiologiia** 1981 Aug; 21(8):87–92 (Eng. Abstr.) **(Rus)**

[Value of dipyridamole test in the diagnosis of ischemic heart disease] Sidorenko BA, et al. **Kardiologiia** 1981;21(10):89–93 (Eng. Abstr.) **(Rus)**

[Anti-arrhythmic effectiveness of ethmozine, cordaron and rhythmodan in treating ischemic heart disease] Zhivoderov VM, et al. **Kardiologiia** 1981 Sep;21(9):41–4 (Eng. Abstr.) **(Rus)**

[Clinicoepidemiological analysis of ECG ischemic reactions to physical loading in men] Lipovetskiĭ BM, et al. **Sov Med** 1981; (4):10–3 (Eng. Abstr.) **(Rus)**

[Seasonal rhythm of cardiac loading tolerance and of immune reactivity in ischemic heart disease] Oranskiĭ IE, et al. **Sov Med** 1981;(7):11–4 (Eng. Abstr.) **(Rus)**

[Personality characteristics and tolerance to exertion in patients with post-infarct cardiosclerosis] Beliakova NA. **Ter Arkh** 1981; 53(8):38–41 (Eng. Abstr.) **(Rus)**

[Hemodynamics and oxygen supply after physical exertion in ischemic heart disease as related to blood cholesterol and triglyceride levels] Ianovskiĭ GV, et al. **Ter Arkh** 1981; 53(8):34–8 (Eng. Abstr.) **(Rus)**

[Changes in the ECG R wave voltage during the bicycle exercise test as one of the criteria for discontinuing exercise] Khelfets ZN. **Ter Arkh** 1981;53(8):49–51 (Eng. Abstr.) **(Rus)**

[Dynamics of arterial blood oxygen tension in healthy persons and in ischemic heart disease patients under conditions of veloergometric exercise (Report II)] Kobuliia BG, et al. **Ter Arkh** 1981;53(8):44–9 (Eng. Abstr.) **(Rus)**

[Criteria for discontinuing exercise tests in patients with coronary arteriosclerosis and post-infarct cardiosclerosis] Sokolov IuN, et al. **Ter Arkh** 1981;53(8):41–4 (Eng. Abstr.) **(Rus)**

[Changes in myocardial bioelectrical activity in ischemic heart disease as affected by medical gymnastic procedures during combined therapy at a central highlands health resort] Gubanova VI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Sep–Oct; (5):38–41 (Eng. Abstr.) **(Rus)**

[Mechanisms of compensation and adaptation in cardiac hyperfunction] Dziak VN, et al. **Vrach Delo** 1981 Mar; (3):88–92 (Eng. Abstr.) **(Rus)**

[Functional capacity and working status after myocardial infarction] Sanz G, et al. **Rev Esp Cardiol** 1981;34(3):219–26 (Eng. Abstr.) **(Spa)**

CORONARY VESSELS

The effect of increased cardiac pressure load and volume load on the size of myocardial infarction following coronary artery occlusion. Tornling G, et al. **Acta Pathol Microbiol Scand** [A] 1981 Jul;89(4):309–12

Regional coronary angiographic observations during cold stimulation in patient with exertional chest pain: comparison of diameter responses in normal and fixed stenotic vessels. Feldman RL, et al. **Am Heart J** 1981 Nov;102(5):822–30

Sudden death while playing professional football. Roberts WC, et al. **Am Heart J** 1981 Dec;102(6 Pt 1):1062–3

Intravenous dipyridamole combined with isometric handgrip for near maximal acute increase in coronary flow in patients with coronary artery disease. Brown BG, et al. **Am J Cardiol** 1981 Dec;48(6):1077–85

Computer-enhanced thallium scintigrams in asymptomatic men with abnormal exercise tests. Uhl GS, et al. **Am J Cardiol** 1981 Dec;48(6):1037–43

Functional evaluation of coronary collateral development in conscious dogs. Tomoike H, et al. **Am J Physiol** 1981 Oct; 241(4):H519–24

Coronary collaterals: role in restoration of blood flow and preservation of cardiac function during exercise. Cohen MV, et al. **Basic Res Cardiol** 1981 Sep–Oct;76(5):474–9

Static exercise in anesthetized dogs, a cause of reflex alpha-adrenergic coronary vasoconstriction. Longhurst JC, et al. **Basic Res Cardiol** 1981 Sep–Oct;76(5):530–5

Clinical significance and characteristics of exercise-induced ventricular tachycardia. Codini MA, et al. **Cathet Cardiovasc Diagn** 1981;7(3):227–34

The pathophysiology of angina pectoris and the effect of lidoflazine. Gobel FL, et al. **Circulation** 1982 Jan; 65(1 Pt 2):I27–32 (49 ref.)

An investigation in patients with previous myocardial infarction who present with chest pain. Selwyn AP, et al. **Circulation** 1981 Dec;64(6):1156–62

Relationship between cyclic guanosine 3':5'-monophosphate formation and relaxation of coronary arterial smooth muscle by glyceryl trinitrate, nitroprusside, nitrite and nitric oxide: effects of methylene blue and methemoglobin. Gruetter CA, et al. **J Pharmacol Exp Ther** 1981 Oct;219(1):181–6

Clinical significance of exercise-induced ST changes in patients with prior myocardial infarction: comparison of electrocardiographic and angiographic findings. Fukui S, et al. **Jpn Circ J** 1981 Oct;45(10):1131–7

Exercise stress body surface isopotential map in patients with coronary artery disease: comparison with coronary angiographic and stress myocardial perfusion scintigraphic findings. Wada M, et al. **Jpn Circ J** 1981 Oct;45(10):1203–7

Reduction of coronary atherosclerosis by moderate conditioning exercise in monkeys on an atherogenic diet. Kramsch DM, et al. **N Engl J Med** 1981 Dec 17;305(25):1483–9

Exercise testing and ancillary techniques to screen for coronary heart disease. Froelicher VF, et al. **Prog Cardiovasc Dis** 1981

Nov-Dec;24(3):261-74 (57 ref.)

Experience of treadmill exercise testing in ischemic heart disease. Hsu TS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul; 80(7):740-50

[Stress-ECG after myocardial infarct. Does myocardial infarct reduce the significance of stress ECG in the diagnosis of severe stenosis of the anterior interventricular ramus, the diagonal ramus and the marginal ramus of the coronary artery] Kreul HG, et al. **Fortschr Med** 1981 Sep 3;99(33):1307-11 (Eng. Abstr.) **(Ger)**

[Correlation between isovolumic and auxotonic indexes of left ventricular contractility at rest and during exercise (author's transl)] Bussmann WD, et al. **Z Kardiol** 1981 Dec; 70(12):884-8 (Eng. Abstr.) **(Ger)**

[The exercise test before and after aorto-coronary by-pass (author's transl)] Spinnler MT, et al. **G Ital Cardiol** 1981;11(3):303-9 (Eng. Abstr.) **(Ita)**

[False negative reactions of the bicycle ergometry test in ischemic heart disease and stenosing arteriosclerosis of the coronary arteries] Gasilin VS, et al. **Kardiologiia** 1981;21(10):94-7 (Eng. Abstr.) **(Rus)**

[Diagnostic importance of the ergometrine test in ischemic heart disease] Sidorenko BA, et al. **Kardiologiia** 1981 Aug; 21(8):87-92 (Eng. Abstr.) **(Rus)**

[Criteria for discontinuing exercise tests in patients with coronary arteriosclerosis and post-infarct cardiosclerosis] Sokolov IuN, et al. **Ter Arkh** 1981;53(8):41-4 (Eng. Abstr.) **(Rus)**

DEATH, SUDDEN

Sudden death while playing professional football. Roberts WC, et al. **Am Heart J** 1981 Dec;102(6 Pt 1):1062-3

Injuries in professional boxing. Their treatment and prevention. Whiteson AL. **Practitioner** 1981 Jul;225(1357):1053-7

DESIPRAMINE

Effects of acutely and chronically administered antidepressants on the brain regional 3-methoxy-4-hydroxyphenylethyleneglycol sulfate in the forced swimming rat. Miyauchi T, et al. **Life Sci** 1981 Nov 2;29(18):1921-8

DIAPHRAGM

Static transdiaphragmatic pressures in normal subjects and in patients with chronic hyperinflation. Gibson GJ, et al. **Am Rev Respir Dis** 1981 Dec;124(6):685-9

The pathophysiology of inspiratory muscle fatigue. Macklem PT, et al. **Ciba Found Symp** 1981;(82):249-63

Respiratory and stepping frequencies in conscious exercising cats. Iscoe S. **J Appl Physiol** 1981 Oct;51(4):835-9

DIAZEPAM

Methods to assess breathlessness in healthy subjects: a critical evaluation and application to analyse the acute effects of diazepam and promethazine on breathlessness induced by exercise or by exposure to raised levels of carbon dioxide. Stark RD, et al. **Clin Sci** 1981 Oct;61(4):429-39

DIET

Diet, other lifestyle factors and HDL cholesterol in a population of Australian male service recruits. Dwyer T, et al. **Am J Epidemiol** 1981 Nov;114(5):683-96

Exercise-associated amenorrhea: a distinct entity? Schwartz B, et al. **Am J Obstet Gynecol** 1981 Nov 15;141(6):662-70

Pritikin vs AHA diet: no difference for peripheral vascular disease [news] Korcok M. **JAMA** 1981 Oct 23-30;246(17):1871

Freedom from stress: a holistic approach. Nuernberger P. **Nursinglife** 1981 Nov-Dec;1(3):61-8

Nutritional, endocrine, and demographic aspects of osteoporosis. Kleerekoper M, et al. **Orthop Clin North Am** 1981 Jul; 12(3):547-58 (53 ref.)

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153-60

[Important activities for a healthy life style in the adult population] Novák Z. **Cesk Zdrav** 1981 Oct;29(10):416-25 (Eng. Abstr.) **(Cze)**

DIET, REDUCING

Secondary prevention in myocardial infarction survivors. **Circulation** 1982 Jan;65(1):216A-219A

Serum thyroid hormone concentration during semi-starvation and physical exercise. Bosello O, et al. **Horm Metab Res** 1981 Nov; 13(11):651-2

[Influence of body weight reduction on physical capability] Müller W, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):89-96 (Eng. Abstr.) **(Ger)**

DIETARY CARBOHYDRATES

Lactate concentrations after short, maximal exercise at various glycogen levels. Jacobs I. **Acta Physiol Scand** 1981 Apr; 111(4):465-9

Carbohydrate ingestion before exercise: comparison of glucose, fructose, and sweet placebo. Koivisto VA, et al. **J Appl Physiol** 1981 Oct;51(4):783-7

Studies on the sparing effect of exercise on insulin requirements in human subjects. LeBlanc J, et al. **Metabolism** 1981 Nov; 30(11):1119-24

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153-60

[The stability of blood glucose under physical stress in relation to carbohydrate reducing diet, alcohol and training] Schürch PM, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):77-80 (Eng. Abstr.) **(Ger)**

DIETARY FATS

Effect of exercise on the content of lipids, cholesterol and on the composition of fatty acids in the adrenals of rats receiving rapeseed oil in diet. Kucharczyk B, et al. **Acta Physiol Pol** 1981 May-Jun;32(3):263-76

Secondary prevention in myocardial infarction survivors. **Ir Med J** 1981 Sep;74(9):245-7

[The stability of blood glucose under physical stress in relation to carbohydrate reducing diet, alcohol and training] Schürch PM, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):77-80 (Eng. Abstr.) **(Ger)**

DIETARY PROTEINS

Anabolic steroids are fool's gold. Ryan AJ. **Fed Proc** 1981 Oct; 40(12):2682-8 (63 ref.)

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153-60

DISLOCATIONS

Patellar pain and quadriceps rehabilitation. An EMG study. Wild JJ Jr, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):12-5

Mechanical bull injuries: the empty saddle syndrome. Ten Eyck RP, et al. **Ann Emerg Med** 1981 Nov;10(11):582-4

Management of patellar malalignment. Kettelkamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344-8 (45 ref.)

[Traumatic dislocation of the metatarsophalangeal joints (author's transl)] Maar D. **Acta Chir Orthop Traumatol Cech** 1981 Oct; 48(5):466-7 (Eng. Abstr.) **(Slo)**

DIVING

Glucoregulation and simulated diving in the harbor seal Phoca vitulina. Robin ED, et al. **Am J Physiol** 1981 Nov; 241(5):R293-300

Cardiac arrest from gas embolism in scuba diving. Cales RH, et al. **Ann Emerg Med** 1981 Nov;10(11):589-92

A study of unusual incidents in a well-documented series of dives. Leitch DR. **Aviat Space Environ Med** 1981 Oct;52(10):618-24

Contact lenses for athletes. Weis DR. **Int Ophthalmol Clin** 1981 Winter;21(4):139-48

Dysbaric osteonecrosis: a consequence of intravascular bubble formation, endothelial damage, and platelet thrombosis. Slichter SJ, et al. **J Lab Clin Med** 1981 Oct;98(4):568-90

Skin disinfection in the hyperbaric environment: a pilot study. Goad RF, et al. **J R Nav Med Serv** 1981;67(2):85-9

Diving Accident Network begins 2nd year [news] Gunby P. **JAMA** 1981 Oct 23-30;246(17):1879

Relative contributions of chemical and non-chemical drives to the breath-holding time in breath-hold divers (Ama). Honda Y, et al. **Jpn J Physiol** 1981;31(2):181-6

The ventilatory responses to hypoxia and hypercapnia in the Ama. Masuda Y, et al. **Jpn J Physiol** 1981;31(2):187-97

Ventilatory response to CO2 rebreathing at rest in the ama. Miyamura M, et al. **Jpn J Physiol** 1981;31(3):423-6

Barodontalgia: a dental consideration for the SCUBA diving patient. Rottman K. **Quintessence Int** 1981 Sep;12(9):979-82

Radiological skeletal survey for aseptic necrosis of bone in divers and compressed air workers. Notes prepared by the Medical Research Council Decompression Sickness Panel. **Radiography** 1981 Jun;47(558):141-3

Decompression sickness: a medical emergency. Pelosi G, et al. **Resuscitation** 1981 Sep;9(3):201-9

[Accidents of sport underwater diving with an aqualung] Broussolle B. **Rev Prat** 1981 Jun 1; 31(31):2237-8, 2241-2, 2245 (Eng. Abstr.) **(Fre)**

[Evaluations of respiratory functional parameters in sponge fishers from the island of Kalimnos (Greece)] Data PG, et al. **Boll Soc Ital Biol Sper** 1981 Aug 30;57(16):1727-30 (Eng. Abstr.) **(Ita)**

PHYSICAL FITNESS/SPORTS MEDICINE

DIVING

[Effect of local vibration on the diver during underwater work] Sterlikov AV, et al. **Gig Tr Prof Zabol** 1981 Nov;(11):32-5 (Eng. Abstr.) **(Rus)**

DOPING IN SPORTS

Capillary column gas chromatographic mass spectrometric analysis of anabolic steroid residues using splitless injections made at elevated temperatures. Houghton E, et al. **Biomed Mass Spectrom** 1981 Aug;8(8):358-61

Drugs and sport. Mangi RJ, et al. **Conn Med** 1981 Oct; 45(10):637-41

Drug use in athletics. Introduction. Burks TF. **Fed Proc** 1981 Oct; 40(12):2680-1

The amphetamine margin in sports. Laties VG, et al. **Fed Proc** 1981 Oct;40(12):2689-92

The Sunday syndrome: from kinetics to altered consciousness. Mandell AJ, et al. **Fed Proc** 1981 Oct;40(12):2693-8

Anabolic steroids are fool's gold. Ryan AJ. **Fed Proc** 1981 Oct; 40(12):2682-8 (63 ref.)

ECHOCARDIOGRAPHY

Catenoidal shape of the interventricular septum in idiopathic hypertrophic subaortic stenosis: two dimensional echocardiographic confirmation. Silverman KJ, et al. **Am J Cardiol** 1982 Jan;49(1):27-32

Aortic regurgitation. Detection of left ventricular dysfunction by exercise echocardiography. Paulsen W, et al. **Br Heart J** 1981 Oct;46(4):380-8

Coronary artery disease. Rothbaum DA. **Cardiovasc Clin** 1981; 12(1):105-18

Peak left ventricular pressure/volume (Emax) during exercise in control subjects and children with left-sided cardiac disease. Alpert BS, et al. **Cathet Cardiovasc Diagn** 1981;7(2):145-53

Noninvasive evaluation of exercise training in college-age men. Adams TD, et al. **Circulation** 1981 Nov;64(5):958-65

Effects of 12 months of intense exercise training on ischemic ST-segment depression in patients with coronary artery disease. Ehsani AA, et al. **Circulation** 1981 Dec;64(6):1116-24

Significance and reproducibility of exercise-related idiopathic ventricular arrhythmias. Sonnhag C, et al. **Eur Heart J** 1980 Jun; 1(3):183-93

Myocardial perfusion imaging with thallium-201 to assess left ventricular hypertrophy and regional ischaemia in hypertensive patients. Folmer SC, et al. **Eur J Clin Invest** 1981 Aug; 11(4):291-7

Left ventricular function in marathon runners: echocardiographic assessment. Paulsen W, et al. **J Appl Physiol** 1981 Oct; 51(4):881-6

Noninvasive assessment of T-wave abnormalities on precordial electrocardiograms in middle-aged professional bicyclists. Nishimura T, et al. **J Electrocardiol** 1981 Oct;14(4):357-64

The veteran athlete. An exercise testing electrocardiographic, thorax x-ray and echocardiographic study. Serra Grima JR, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):122-9

[Exercise tolerance and working capacity of the left ventricle after pharmacologic disruption of atrial fibrillation and restoration of sinus rhythm] Zikmund M, et al. **Vnitr Lek** 1981 Oct; 27(10):970-5 (Eng. Abstr.) **(Cze)**

[Influence of left ventricular volume changes induced by Valsalva maneuver on R wave amplitude (author's transl)] Cuomo S, et al. **G Ital Cardiol** 1981;11(7):903-7 (Eng. Abstr.) **(Ita)**

[Echocardiography during ergometric tests in subjects with stable effort angina (author's transl)] Fedele F, et al. **G Ital Cardiol** 1981;11(3):310-20 (Eng. Abstr.) **(Ita)**

[Echocardiographic evaluation of myocardial infarct patients undergoing rehabilitation] Pennestri F, et al. **G Ital Cardiol** 1981; 11(7):933-40 (Eng. Abstr.) **(Ita)**

ELBOW

An analysis of roller skating injuries. Ferkel RD, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):24-30

ELBOW JOINT

Electromyographic response of the elbow flexors to a changing, dislocating force. Hanson CT, et al. **Arch Phys Med Rehabil** 1981 Dec;62(12):631-4

ELECTROCARDIOGRAPHY

Metoprolol treatment after acute myocardial infarction. Effects on ventricular arrhythmias and exercise tests during 6 months. Olsson G, et al. **Acta Med Scand** 1981;210(1-2):59-65

Improvement in supine bicycle exercise performance in refractory congestive heart failure after isosorbide dinitrate: radionuclide and hemodynamic evaluation of acute effects. Hecht HS, et al. **Am J Cardiol** 1982 Jan;49(1):133-40

Combined therapy with verapamil and propranolol in chronic stable angina. Subramanian B, et al. **Am J Cardiol** 1982 Jan; 49(1):125-32

Radiotelemetry of direct blood pressure. Zerzawy R, et al. **Biotelem Patient Monit** 1981;8(1-2):7-14

Sympathoadrenal and cardiovascular responses to mental stress, isometric handgrip, and cold pressor test in asymptomatic young men with primary T wave abnormalities in the electrocardiogram. Atterhög JH, et al. **Br Heart J** 1981 Sep; 46(3):311-9

Coronary artery disease. Rothbaum DA. **Cardiovasc Clin** 1981; 12(1):105-18

Clinical significance and characteristics of exercise-induced ventricular tachycardia. Codini MA, et al. **Cathet Cardiovasc Diagn** 1981;7(3):227-34

Noninvasive evaluation of exercise training in college-age men. Adams TD, et al. **Circulation** 1981 Nov;64(5):958-65

Effects of 12 months of intense exercise training on ischemic ST-segment depression in patients with coronary artery disease. Ehsani AA, et al. **Circulation** 1981 Dec;64(6):1116-24

Influence of the location of left anterior descending coronary artery stenosis on left ventricular function during exercise. Leong K, et al. **Circulation** 1982 Jan;65(1):109-14

Verapamil versus placebo in relieving stable angina pectoris. Pine MB, et al. **Circulation** 1982 Jan;65(1):17-22

An investigation in patients with previous myocardial infarction who present with chest pain. Selwyn AP, et al. **Circulation** 1981 Dec;64(6):1156-62

Effects of molsidomine on global and regional left ventricular function at rest and during exercise in patients with angina pectoris. Nechwatal W, et al. **Clin Cardiol** 1981 Sep-Oct; 4(5):248-53

Single-pass ventricular function studies. Coleman RE, et al. **Clin Nucl Med** 1981 Oct;6(10S):P117-21

Cardiopulmonary resuscitation: physical stress on the rescuer. Lonergan JH, et al. **Crit Care Med** 1981 Nov;9(11):793-5

The isopotential plot—a new method for the assessment of ST amplitude changes provoked by an exercise test. Bjurö TI, et al. **Eur Heart J** 1980 Jun;1(3):213-23

Exercise testing and ambulatory electrocardiographic monitoring following surgical repair of tetralogy of Fallot. Irving JB, et al. **Eur Heart J** 1980 Apr;1(2):117-21

Significance and reproducibility of exercise-related idiopathic ventricular arrhythmias. Sonnhag C, et al. **Eur Heart J** 1980 Jun; 1(3):183-93

Myocardial perfusion imaging with thallium-201 to assess left ventricular hypertrophy and regional ischaemia in hypertensive patients. Folmer SC, et al. **Eur J Clin Invest** 1981 Aug; 11(4):291-7

Transient pathological Q waves in the electrocardiogram induced by exercise. Chacko KA, et al. **Indian Heart J** 1981 May-Jun; 33(3):109-13

Utility of stress testing in angina. Shah SN, et al. **Indian Heart J Teach Ser** 1980;(9):377-80

Pharmacokinetic and haemodynamic studies with prazosin in chronic heart failure. Silke B, et al. **Ir J Med Sci** 1981 Aug; 150(8):240-7

Noninvasive assessment of T-wave abnormalities on precordial electrocardiograms in middle-aged professional bicyclists. Nishimura T, et al. **J Electrocardiol** 1981 Oct;14(4):357-64

A comparison of two commonly used stress testing protocols in patients with documented coronary artery disease. Nolewajka AJ, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):138-44

The veteran athlete. An exercise testing electrocardiographic, thorax x-ray and echocardiographic study. Serra Grima JR, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):122-9

Indications and contraindications for exercise testing. **J Tenn Med Assoc** 1981 Oct;74(10):720-4

Clinical significance of exercise-induced ST changes in patients with prior myocardial infarction: comparison of electrocardiographic and angiographic findings. Fukui S, et al. **Jpn Circ J** 1981 Oct;45(10):1131-7

Exercise stress body surface isopotential map in patients with coronary artery disease: comparison with coronary angiographic and stress myocardial perfusion scintigraphic findings. Wada M, et al. **Jpn Circ J** 1981 Oct;45(10):1203-7

Quantitative evaluation of treadmill test induced ST-T changes using body surface mapping. Yasui S, et al. **Jpn Circ J** 1981 Oct;45(10):1208-11

Reduction of coronary atherosclerosis by moderate conditioning exercise in monkeys on an atherogenic diet. Kramsch DM, et al. **N Engl J Med** 1981 Dec 17;305(25):1483-9

Prognosis of medically treated patients with coronary-artery disease with profound ST-segment depression during exercise testing. Podrid PJ, et al. **N Engl J Med** 1981 Nov 5; 305(19):1111-6

The treadmill stress test: coaching your cardiac patient along the path to recovery. Janz N, et al. **Nursing (Horsham)** 1981 Dec; 11(12):37-41

Exercise testing and ancillary techniques to screen for coronary heart disease. Froelicher VF, et al. **Prog Cardiovasc Dis** 1981 Nov-Dec;24(3):261-74 (57 ref.)

Relationships of pulse transmission times to pre-ejection period and blood pressure. Newlin DB. **Psychophysiology** 1981 May; 18(3):316-21

Decompression sickness: a medical emergency. Pelosi G, et al. **Resuscitation** 1981 Sep;9(3):201-9

Experience of treadmill exercise testing in ischemic heart disease. Hsu TS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul; 80(7):740-50

[Methodical experiences for registration of parameters under ergometric loads of children and young people (author's transl)] Brauer BM. **Arztl Jugendkd** 1981;72(5):289-91 (Eng. Abstr.) **(Ger)**

[Stress-ECG after myocardial infarct. Does myocardial infarct reduce the significance of stress ECG in the diagnosis of severe stenosis of the anterior interventricular ramus, the diagonal ramus and the marginal ramus of the coronary artery] Kreul HG, et al. **Fortschr Med** 1981 Sep 3;99(33):1307-11 (Eng. Abstr.) **(Ger)**

['Functional' heart diseases in preinvasive diagnosis. Comparison between male and female patients in a retrospective study] Ludwig J, et al. **MMW** 1981 Oct 23;123(43):1616-8 (Eng. Abstr.) **(Ger)**

[Cardiac ischemia on exercise. Effect of nifedipine and acebutolol singly and in combination (author's transl)] Strasser R, et al. **MMW** 1981 Aug 28;123(35):1303-6 (Eng. Abstr.) **(Ger)**

[Chronic administration of beta blocking agents: left ventricular hemodynamics in myocardial infarctions during exercise (author's transl)] Blümchen G, et al. **Z Kardiol** 1981 Sep;70(9):678-86 (Eng. Abstr.) **(Ger)**

[ST-segment depression and R-amplitude changes during bicycle stress test in patients with coronary artery disease (author's transl)] Hoberg E, et al. **Z Kardiol** 1981 Oct;70(10):776-80 (Eng. Abstr.) **(Ger)**

[R wave variations during the bicycle exercise test] Malvezzi A, et al. **Boll Soc Ital Biol Sper** 1981 May 15;57(9):931-6 (Eng. Abstr.) **(Ita)**

[Effect of isometric force (handgrip) on R wave amplitude] Malvezzi A, et al. **Boll Soc Ital Biol Sper** 1981 May 15; 57(9):937-43 (Eng. Abstr.) **(Ita)**

[Computerized analysis of the changes in the R wave amplitude during exercise tests of normal subjects and coronary disease patients] Manca C, et al. **Boll Soc Ital Cardiol** 1980; 25(5):495-501 (Eng. Abstr.) **(Ita)**

[Dynamic ECG monitoring in ischemic cardiopathy] Zacà F, et al. **Boll Soc Ital Cardiol** 1980;25(6):563-8 (Eng. Abstr.) **(Ita)**

[Influence of left ventricular volume changes induced by Valsalva maneuver on R wave amplitude (author's transl)] Cuomo S, et al. **G Ital Cardiol** 1981;11(7):903-7 (Eng. Abstr.) **(Ita)**

[Situation in Italy regarding institutions for cardiovascular function testing] Scardi S. **G Ital Cardiol** 1981;11(4):535-40 (Eng. Abstr.) **(Ita)**

[The exercise test before and after aorto-coronary by-pass (author's transl)] Spinnler MT, et al. **G Ital Cardiol** 1981;11(3):303-9 (Eng. Abstr.) **(Ita)**

[Coronary disease risk factors in persons holding responsible positions with negative and positive results of exercise test on the electrocardiogram] Prochaczek F, et al. **Med Pr** 1981; 32(4):255-9 (Eng. Abstr.) **(Pol)**

[Study of cardiac rhythm disorders in healthy men] Dembo AG, et al. **Kardiologiia** 1981;21(10):51-5 (Eng. Abstr.) **(Rus)**

[Diagnostic importance of the ergometrine test in ischemic heart disease] Sidorenko BA, et al. **Kardiologiia** 1981 Aug; 21(8):87-92 (Eng. Abstr.) **(Rus)**

[Anti-arrhythmic effectiveness of ethmozine, cordaron and rhythmodan in treating ischemic heart disease] Zhivoderov VM, et al. **Kardiologiia** 1981 Sep;21(9):41-4 (Eng. Abstr.) **(Rus)**

[Changes in the ECG R wave voltage during the bicycle exercise test as one of the criteria for discontinuing exercise] Kheifets ZN. **Ter Arkh** 1981;53(8):49-51 (Eng. Abstr.) **(Rus)**

[Changes in myocardial bioelectrical activity in ischemic heart disease as affected by medical gymnastic procedures during combined therapy at a central highlands health resort] Gubanova VI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Sep-Oct; (5):38-41 (Eng. Abstr.) **(Rus)**

[Methodology of exercise tests in the 1st month of acute myocardial infarct] Aros LF, et al. **Rev Esp Cardiol** 1981;34(2):127-32 (Eng. Abstr.) **(Spa)**

ELECTROMYOGRAPHY

Electrical activity and force during voluntary contraction of normal and diseased muscle. Fuglsang-Frederiksen A. **Acta Neurol Scand [Suppl]** 1981;63(83):1-60

Blood pressure and heart rate response to static exercise in relation to electromyographic activity and force development. Schibye B, et al. **Acta Physiol Scand** 1981 Sep;113(1):61-6

The value of clinical lip strength measurements. Ingervall B, et al. **Am J Orthod** 1981 Nov;80(5):496-507

Coactivation of synergistic muscles of different fiber types in fast and slow contractions. Kuo KH, et al. **Am J Phys Med** 1981 Oct;60(5):219-38

Patellar pain and quadriceps rehabilitation. An EMG study. Wild JJ Jr, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):12-5

20,25-diazacholesterol myotonia: an electrophysiological study. Furman RE, et al. **Ann Neurol** 1981 Sep;10(3):251-60

Eaton-Lambert myasthenic syndrome: long-term treatment of three patients with prednisone. Streib EW, et al. **Ann Neurol** 1981 Nov;10(5):448-53

Quantification and documentation of changes produced by spinal cord stimulation. Struppler A, et al. **Appl Neurophysiol** 1981; 44(1-3):114-8

Electromyographic response of the elbow flexors to a changing, dislocating force. Hanson CT, et al. **Arch Phys Med Rehabil** 1981 Dec;62(12):631-4

Kinematic and myoelectric analysis of skill acquisition: I. 90cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):575-82

Kinematic and myoelectric analysis of skill acquisition: II. 150cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):582-9

EMG and fatigue of human voluntary and stimulated contractions. Bigland-Ritchie B. **Ciba Found Symp** 1981;(82):130-56

The effect of acoustic masking on the silent period in the Masseter electromyogram in man during sustained isometric contraction. van Steenberghe D, et al. **Electromyogr Clin Neurophysiol** 1981 Nov-Dec;21(7):611-25

Effects of repeated fatiguing rhythmical hand work. Kobryn U, et al. **Eur J Applied Physiol** 1981;47(3):271-9

Frequency analysis of surface EMG to evaluation of muscle fatigue. Sadoyama T, et al. **Eur J Applied Physiol** 1981;47(3):239-46

Voluntary muscular contraction with reference to agricultural tasks. Nag PK, et al. **Indian J Med Res** 1981 Jul;74:111-9

Conduction velocity and EMG power spectrum changes in fatigue of sustained maximal efforts. Bigland-Ritchie B, et al. **J Appl Physiol** 1981 Nov;51(5):1300-5

Respiratory and stepping frequencies in conscious exercising cats. Iscoe S. **J Appl Physiol** 1981 Oct;51(4):835-9

Treatment of human spasticity with delta 9-tetrahydrocannabinol. Petro DJ, et al. **J Clin Pharmacol** 1981 Aug-Sep; 21(8-9 Suppl):413S-416S

Abnormal force--EMG relations in paretic limbs of hemiparetic human subjects. Tang A, et al. **J Neurol Neurosurg Psychiatry** 1981 Aug;44(8):690-8

Progressive jaw muscle fatigue of experimental tooth clenching in man. Christensen LV. **J Oral Rehabil** 1981 Sep;8(5):413-20

Clinical study of paramyotonia congenita with and without myotonia in a warm environment. Haass A, et al. **Muscle Nerve** 1981 Sep-Oct;4(5):388-95

Neural regulation of blood flow in nonworking muscles. Part III. Littell EH. **Phys Ther** 1981 Nov;61(11):1575-84

[Epicondylalgia] Dumoulin J, et al. **Electrodiagn Ther** 1981; 18(3):119-29 (Eng. Abstr.) **(Fre)**

ENERGY METABOLISM

The energy expenditure of female carpet weavers and rural women in Iran. Geissler CA, et al. **Am J Clin Nutr** 1981 Dec; 34(12):2776-83

The perception of fatigue. **Ciba Found Symp** 1981;(82):283-96

Human muscle function and fatigue. Edwards RH. **Ciba Found Symp** 1981;(82):1-18

Glycolytic and oxidative energy metabolism and contraction characteristics of intact human muscle. Hultman E, et al. **Ciba Found Symp** 1981;(82):19-40

The pathophysiology of inspiratory muscle fatigue. Macklem PT, et al. **Ciba Found Symp** 1981;(82):249-63

The glucose/fatty acid cycle and physical exhaustion. Newsholme EA. **Ciba Found Symp** 1981;(82):89-101

Rehabilitative benefits of sports for the handicapped. Molnar G. **Conn Med** 1981 Sep;45(9):574-7

Physiological and metabolic effects of a 25 km race in female athletes. Haralambie G, et al. **Eur J Applied Physiol** 1981; 47(2):123-31

Effects of sleep deprivation on the activity of selected metabolic enzymes in skeletal muscle. Vondra K, et al. **Eur J Applied Physiol** 1981;47(1):41-6

Exercise performance and adaptive modifications in the thermoregulatory system. Brück K, et al. **Int J Biometeorol** 1980 Dec;24 Suppl 2:42-53

Carbohydrate ingestion before exercise: comparison of glucose, fructose, and sweet placebo. Koivisto VA, et al. **J Appl Physiol** 1981 Oct;51(4):783-7

Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. Araki T, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):69-80

Characteristics of well-trained athletes in prolonged exercise from the viewpoint of aerobic power. Shibayama H, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):55-68

PHYSICAL FITNESS/SPORTS MEDICINE

ENERGY METABOLISM

Effects of toeclip use on metabolic and cardiopulmonary responses to bicycle ergometer exercise. Wilde SW, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):47–54

Human vastus lateralis and gastrocnemius muscles. A comparative histochemical and biochemical analysis. Green HJ, et al. **J Neurol Sci** 1981 Nov–Dec;52(2–3):201–10

Modification, by tractive loading, of the energy cost of walking in sheep, cattle and man. Boyne AW, et al. **J Physiol (Lond)** 1981 Jun;315:303–16

Mechanics of competition walking. Cavagna GA, et al. **J Physiol (Lond)** 1981 Jun;315:243–51

A scientific explanation for Eric Heiden's unique Olympic performance. Morris AF. **J Sports Med Phys Fitness** 1981 Jun; 21(2):156–9

Calorimeter ergometer for concentric and eccentric work. Snellen JW, et al. **Med Biol Eng Comput** 1981 May;19(3):356–8

Glycogen metabolism and the function of fast and slow muscles of the rat. Villa Moruzzi E, et al. **Pflugers Arch** 1981 Oct; 391(4):338–42

Regulation of vascular tone, molecular mechanisms. Webb RC, et al. **Prog Cardiovasc Dis** 1981 Nov–Dec;24(3):213–42 (205 ref.)

A study of fitness and cardiovascular risk factors in male office workers. Quaal SJ. **West J Nurs Res** 1981 Summer;3(3):9–24

[Plasma catecholamines, metabolic substrates, aerobic and anaerobic capacity during exercise in supine and sitting position (author's transl)] Lehmann M, et al. **Klin Wochenschr** 1981 Nov 16;59(22):1237–42 (Eng. Abstr.) **(Ger)**

[Energy metabolism and heart rate in members of mine rescue brigades] Bründel KH, et al. **Zentralbl Arbeitsmed Arbeitsschutz Prophyl Ergonomie** 1981 Mar; 31(3):106–13 (Eng. Abstr.) **(Ger)**

[Energy expenditure in soldiers working on the public road and railroad construction] Rdzanek J, et al. **Med Pr** 1981; 32(4):297–302 (Eng. Abstr.) **(Pol)**

[Bioenergetic characteristics of different kinds of physical loads] Usik SV, et al. **Fiziol Zh SSSR** 1981 Sep;67(9):1370–4 (Eng. Abstr.) **(Rus)**

[Effect of thymectomy on the activity of various enzymes controlling energy metabolism in the rat tissue] Mikhaĭlova IA, et al. **Probl Endokrinol (Mosk)** 1981 Jul–Aug;27(4):62–6 (Eng. Abstr.) **(Rus)**

[Characteristics of individual development and patterns of male and female rats in light of the skeletal muscle energy rule] Arshavskiĭ IA, et al. **Zh Obshch Biol** 1981 Sep–Oct; 42(5):698–707 (Eng. Abstr.) **(Rus)**

EPINEPHRINE

Twitch potentiation by rest in canine ventricular muscle: effects of theophylline. Endoh M, et al. **Am J Physiol** 1981 Oct; 241(4):H583–90

Hormonal changes associated with long distance exercise. Snow DH, et al. **Equine Vet J** 1981 Jul;13(3):195–7

Effect of long-term beta-blockade with alprenolol on platelet function and fibrinolytic activity in patients with coronary heart disease. Jürgensen HJ, et al. **Eur J Clin Pharmacol** 1981; 20(4):245–50

The lung strip: evaluation of a method to study contractility of pulmonary parenchyma. Evans JN, et al. **Exp Lung Res** 1981 Aug;2(3):187–95

Exercise-induced urticaria, angioedema, and anaphylactoid episodes. Lewis J, et al. **J Allergy Clin Immunol** 1981 Dec; 68(6):432–7

Behavioral preparation for surgery: benefit or harm? Wilson JF. **J Behav Med** 1981 Mar;4(1):79–102

Plasma epinephrine disturbances in diabetic subjects during standing and after isometric exercise. Gustafson AB, et al. **J Clin Endocrinol Metab** 1981 Oct;53(4):759–63

Exercise-induced anaphylaxis; a case report. Shields JM, et al. **J Kans Med Soc** 1981 Sep;82(9):407, 412

Increase of lipoprotein-lipase activity in skeletal muscle during heavy exercise. Relation to epinephrine excretion. Lithell H, et al. **Metabolism** 1981 Nov;30(11):1130–4

Circulating catecholamines in exercise and hyperventilation induced asthma. Barnes PJ, et al. **Thorax** 1981 Jun; 36(6):435–40

[The influence of graduated treadmill exercise on plasma catecholamines, aerobic and anaerobic capacity in boys and adults] Lehmann M, et al. **Eur J Applied Physiol** 1981; 47(3):301–11 (Eng. Abstr.) **(Ger)**

[Plasma catecholamines, metabolic substrates, aerobic and anaerobic capacity during exercise in supine and sitting position (author's transl)] Lehmann M, et al. **Klin Wochenschr** 1981 Nov 16;59(22):1237–42 (Eng. Abstr.) **(Ger)**

[Inhibiting effect of adrenaline on the acetylcholinesterase activity of skeletal muscle sarcolemma] Diadiusha GP, et al. **Biokhimiia** 1981 Sep;46(9):1558–63 (Eng. Abstr.) **(Rus)**

EPIPHYSES

Calcaneal epiphysitis in adolescent athletes. McKenzie DC, et al. **Can J Appl Sport Sci** 1981 Sep;6(3):123–5

EXERCISE, ISOMETRIC

Blood flow in 'red' and "white' calf muscles in cats during isometric and isotonic exercise. Bonde-Petersen F, et al. **Acta Physiol Scand** 1981 Jul;112(3):243–51

Intravenous dipyridamole combined with isometric handgrip for near maximal acute increase in coronary flow in patients with coronary artery disease. Brown BG, et al. **Am J Cardiol** 1981 Dec;48(6):1077–85

Static exercise in anesthetized dogs, a cause of reflex alpha-adrenergic coronary vasoconstriction. Longhurst JC, et al. **Basic Res Cardiol** 1981 Sep–Oct;76(5):530–5

Sympathoadrenal and cardiovascular responses to mental stress, isometric handgrip, and cold pressor test in asymptomatic young men with primary T wave abnormalities in the electrocardiogram. Atterhög JH, et al. **Br Heart J** 1981 Sep; 46(3):311–9

Isometric contractile properties and instantaneous stiffness of amphibian skeletal muscle in the temperature range from 0 to 20 degrees C. Bressler BH. **Can J Physiol Pharmacol** 1981 Jun; 59(6):548–54

The tremor in fatigue. Lippold O. **Ciba Found Symp** 1981; (82):234–48

Cardiac hypertrophy in response to an isometric training program in the cat. Muntz KH, et al. **Circ Res** 1981 Nov; 49(5):1092–101

Association of asynchronous protodiastolic segmental wall motion with impaired left ventricular relaxation. Ludbrook PA, et al. **Circulation** 1981 Dec;64(6):1201–11

The effect of deep muscle temperature on the cardiovascular responses of man to static effort. Petrofsky JS, et al. **Eur J Applied Physiol** 1981;47(1):7–16

Frequency analysis of surface EMG to evaluation of muscle fatigue. Sadoyama T, et al. **Eur J Applied Physiol** 1981;47(3):239–46

Anxiety, anger, and neurogenic tone at rest and in stress in patients with primary hypertension. Sullivan P, et al. **Hypertension** 1981 Nov–Dec;3(6 Pt 2):II–119–23

Plasma epinephrine disturbances in diabetic subjects during standing and after isometric exercise. Gustafson AB, et al. **J Clin Endocrinol Metab** 1981 Oct;53(4):759–63

Isometric endurance of masseter muscle in children. Christensen LV. **J Oral Rehabil** 1981 Nov;8(6):473–8

The covariation of blood pressure and pulse transit time in hypertensive patients. Allen RA, et al. **Psychophysiology** 1981 May;18(3):301–6

Relationships of pulse transmission times to pre-ejection period and blood pressure. Newlin DB. **Psychophysiology** 1981 May; 18(3):316–21

Ventilatory pattern during handgrip on normal man. Bosisio E, et al. **Respiration** 1981;42(2):84–7

[Effect of isometric force (handgrip) on R wave amplitude] Malvezzi A, et al. **Boll Soc Ital Biol Sper** 1981 May 15; 57(9):937–43 (Eng. Abstr.) **(Ita)**

EXERCISE TEST

Early exercise tests after uncomplicated acute myocardial infarction before early discharge from hospital. Lindvall K, et al. **Acta Med Scand** 1981;210(4):257–61

Metoprolol treatment after acute myocardial infarction. Effects on ventricular arrhythmias and exercise tests during 6 months. Olsson G, et al. **Acta Med Scand** 1981;210(1–2):59–65

Localization of coronary artery disease with exercise electrocardiography: correlation wit thallium-201 myocardial perfusion scanning. Dunn RF, et al. **Am J Cardiol** 1981 Nov; 48(5):837–43

Exercise testing in the Wolff-Parkinson-White syndrome [letter] Lévy S, et al. **Am J Cardiol** 1981 Nov;48(5):976–7

Relation between high density lipoprotein cholesterol and coronary artery disease in asymptomatic men. Uhl GS, et al. **Am J Cardiol** 1981 Nov;48(5):903–10

Computer-enhanced thallium scintigrams in asymptomatic men with abnormal exercise tests. Uhl GS, et al. **Am J Cardiol** 1981 Dec;48(6):1037–43

A dose-response study on metoprolol in angina pectoris. Uusitalo A, et al. **Ann Clin Res** 1981;13 Suppl 30:34–7

Continuous recording of intra-arterial blood pressure during graded bicycle ergometry and stair climbing in essential hypertension. Millar-Craig MW, et al. **Biotelem Patient Monit** 1981;8(1–2):33–46

Correlation of early hemodynamics during myocardial infarction and subsequent exercise testing. Cintrón G, et al. **Bol Asoc Med PR** 1981 Jul;73(7):316–20

Coronary artery disease. Rothbaum DA. **Cardiovasc Clin** 1981;

12(1):105-18

Peak left ventricular pressure/volume (Emax) during exercise in control subjects and children with left-sided cardiac disease. Alpert BS, et al. **Cathet Cardiovasc Diagn** 1981;7(2):145-53

Clinical significance and characteristics of exercise-induced ventricular tachycardia. Codini MA, et al. **Cathet Cardiovasc Diagn** 1981;7(3):227-34

Noninvasive evaluation of exercise training in college-age men. Adams TD, et al. **Circulation** 1981 Nov;64(5):958-65

The effect of age on heart rate in subjects free of heart disease. Studies by ambulatory electrocardiography and maximal exercise stress test. Kostis JB, et al. **Circulation** 1982 Jan;65(1):141-5

An investigation in patients with previous myocardial infarction who present with chest pain. Selwyn AP, et al. **Circulation** 1981 Dec;64(6):1156-62

The effects of lidoflazine on exercise performance and thallium stress scintigraphy in patients with stable angina pectoris. Shapiro W, et al. **Circulation** 1982 Jan;65(1 Pt 2):143-50

Aerobic muscular exercise: applications in clinical medicine for diagnosis and therapy. Scherzer HH. **Conn Med** 1981 Oct;45(10):628-32

The isopotential plot--a new method for the assessment of ST amplitude changes provoked by an exercise test. Bjurö TI, et al. **Eur Heart J** 1980 Jun;1(3):213-23

Exercise testing and ambulatory electrocardiographic monitoring following surgical repair of tetralogy of Fallot. Irving JB, et al. **Eur Heart J** 1980 Apr;1(2):117-21

Significance and reproducibility of exercise-related idiopathic ventricular arrhythmias. Sonnhag C, et al. **Eur Heart J** 1980 Jun;1(3):183-93

Cardiac rehabilitation: state of the art. Goldmann MA. **Geriatrics** 1981 Nov;36(11):103-12

Transient pathological Q waves in the electrocardiogram induced by exercise. Chacko KA, et al. **Indian Heart J** 1981 May-Jun;33(3):109-13

Utility of stress testing in angina. Shah SN, et al. **Indian Heart J Teach Ser** 1980;(9):377-80

Pharmacokinetic and haemodynamic studies with prazosin in chronic heart failure. Silke B, et al. **Ir J Med Sci** 1981 Aug;150(8):240-7

Cardiovascular responses to exercise following adolescent hypertensive pregnancy. Cottrill CM, et al. **J Adolesc Health Care** 1981 Dec;1(2):91-5

Noninvasive assessment of T-wave abnormalities on precordial electrocardiograms in middle-aged professional bicyclists. Nishimura T, et al. **J Electrocardiol** 1981 Oct;14(4):357-64

A comparison of two commonly used stress testing protocols in patients with documented coronary artery disease. Nolewajka AJ, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):138-44

The veteran athlete. An exercise testing electrocardiographic, thorax x-ray and echocardiographic study. Serra Grima JR, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):122-9

Continuous treadmill walking versus intermittent treadmill running as maximal exercise tests for young competitive swimmers. Zauner CW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):173-8

Indications and contraindications for exercise testing. **J Tenn Med Assoc** 1981 Oct;74(10):720-4

Clinical significance of exercise-induced ST changes in patients with prior myocardial infarction: comparison of electrocardiographic and angiographic findings. Fukui S, et al. **Jpn Circ J** 1981 Oct;45(10):1131-7

Quantitative evaluation of treadmill test induced ST-T changes using body surface mapping. Yasui S, et al. **Jpn Circ J** 1981 Oct;45(10):1208-11

Preoperative physical training for cardiac patients requiring non-cardiac surgery. Asoh T, et al. **Jpn J Surg** 1981;11(4):251-5

Exercise tests after myocardial infarction [editorial] **Lancet** 1981 Oct 10;2(8250):786-8

In-hospital exercise after myocardial infarction [letter] **N Engl J Med** 1981 Dec 24;305(26):1592-3

Prognosis of medically treated patients with coronary-artery disease with profound ST-segment depression during exercise testing. Podrid PJ, et al. **N Engl J Med** 1981 Nov 5;305(19):1111-6

Left ventricular ejection fraction and its response to therapy in essential hypertension. Blaufox MD, et al. **Nephron** 1981;28(3):112-7

The treadmill stress test: coaching your cardiac patient along the path to recovery. Janz N, et al. **Nursing (Horsham)** 1981 Dec;11(12):37-41

Effect of physical training on exercise performance of children following surgical repair of congenital heart disease. Goldberg B, et al. **Pediatrics** 1981 Nov;68(5):691-9

Maximal exercise testing: prognostic value for assessment of coronary heart disease risk. Bruce RA. **Postgrad Med** 1981 Dec;70(6):161-8

Exercise testing and ancillary techniques to screen for coronary heart disease. Froelicher VF, et al. **Prog Cardiovasc Dis** 1981 Nov-Dec;24(3):261-74 (57 ref.)

Experience of treadmill exercise testing in ischemic heart disease. Hsu TS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):740-50

Use of exercise tests in assessment of the functional result of aortocoronary bypass surgery. Luksic IY, et al. **Thorax** 1981 Jun;36(6):428-34

[A study of maximal oxygen consumption during treadmill exercise in healthy Chinese (author's transl)] Ho BL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):712-7 (Eng. Abstr.) **(Chi)**

[Exercise tolerance and working capacity of the left ventricle after pharmacologic disruption of atrial fibrillation and restoration of sinus rhythm] Zikmund M, et al. **Vnitr Lek** 1981 Oct;27(10):970-5 (Eng. Abstr.) **(Cze)**

[Effort as a diagnostic test in cardiac arrhythmias (author's transl)] Flament F. **Rev Med Brux** 1981 Oct;2(8):683-92 (Eng. Abstr.) **(Fre)**

[Follow-up investigations in coronary heart disease (author's transl)] Bussmann WD, et al. **Dtsch Med Wochenschr** 1981 Oct 23;106(43):1409-12 (Eng. Abstr.) **(Ger)**

['Functional' heart diseases in preinvasive diagnosis. Comparison between male and female patients in a retrospective study] Ludwig J, et al. **MMW** 1981 Oct 23;123(43):1616-8 (Eng. Abstr.) **(Ger)**

[The left ventricular function in bicycle ergometric stress before and after aortocoronary bypass surgery] Hirzel HO, et al. **Schweiz Med Wochenschr** 1981 Nov 7;111(45):1718-21 (Eng. Abstr.) **(Ger)**

[ST-segment depression and R-amplitude changes during bicycle stress test in patients with coronary artery disease (author's transl)] Hoberg E, et al. **Z Kardiol** 1981 Oct;70(10):776-80 (Eng. Abstr.) **(Ger)**

[R wave variations during the bicycle exercise test] Malvezzi A, et al. **Boll Soc Ital Biol Sper** 1981 May 15;57(9):931-6 (Eng. Abstr.) **(Ita)**

[Pathological behavior of arterial pressure during the exercise test] Bondi S, et al. **Boll Soc Ital Cardiol** 1980;25(3):263-70 (Eng. Abstr.) **(Ita)**

[Study of systolic intervals in basic conditions and after bicycle ergometric exercise test, in subjects with symptomatic and asymptomatic mitral prolapse] Dei Cas L, et al. **Boll Soc Ital Cardiol** 1980;25(6):569-75 (Eng. Abstr.) **(Ita)**

[Computerized analysis of the changes in the R wave amplitude during exercise tests of normal subjects and coronary disease patients] Manca C, et al. **Boll Soc Ital Cardiol** 1980;25(5):495-501 (Eng. Abstr.) **(Ita)**

[Platelet aggregation and blood catecholamines in healthy young persons after the exercise test] Saitta A, et al. **Boll Soc Ital Cardiol** 1980;25(4):347-54 (Eng. Abstr.) **(Ita)**

[Dynamic ECG monitoring in ischemic cardiopathy] Zacà F, et al. **Boll Soc Ital Cardiol** 1980;25(6):563-8 (Eng. Abstr.) **(Ita)**

[Influence of left ventricular volume changes induced by Valsalva maneuver on R wave amplitude (author's transl)] Cuomo S, et al. **G Ital Cardiol** 1981;11(7):903-7 (Eng. Abstr.) **(Ita)**

[Echocardiography during ergometric tests in subjects with stable effort angina (author's transl)] Fedele F, et al. **G Ital Cardiol** 1981;11(3):310-20 (Eng. Abstr.) **(Ita)**

[Situation in Italy regarding institutions for cardiovascular function testing] Scardi S. **G Ital Cardiol** 1981;11(4):535-40 (Eng. Abstr.) **(Ita)**

[Acute effects of oral acebutolol on exercise tolerance in patients with stable angina pectoris (author's transl)] Scrutinio D, et al. **G Ital Cardiol** 1981;11(3):364-72 (Eng. Abstr.) **(Ita)**

[The exercise test before and after aorto-coronary by-pass (author's transl)] Spinnler MT, et al. **G Ital Cardiol** 1981;11(3):303-9 (Eng. Abstr.) **(Ita)**

[Early functional evaluation and physical rehabilitation in patients with wide myocardial infarction (author's transl)] Vecchio C, et al. **G Ital Cardiol** 1981;11(4):419-29 (Eng. Abstr.) **(Ita)**

[Effects of nifedipine during rehabilitation of patients with aortocoronary bypass] Cerri B, et al. **Minerva Cardioangiol** 1981 Sep;29(9):483-90 (Eng. Abstr.) **(Ita)**

[Plasma catecholamines during maximal exercise in competitive skiers and cardiac patients (author's transl)] Minami M, et al. **Kokyu To Junkan** 1981 Jul;29(7):737-42 (Eng. Abstr.) **(Jpn)**

[Coronary disease risk factors in persons holding responsible positions with negative and positive results of exercise test on the electrocardiogram] Prochaczek F, et al. **Med Pr** 1981;32(4):255-9 (Eng. Abstr.) **(Pol)**

[Microcirculation tolerance for physical loading and homeostatic indices in stenocardia] Anikin VV, et al. **Kardiologiia** 1981 Aug;21(8):92-5 (Eng. Abstr.) **(Rus)**

[Cybernetic analysis of the heart rhythm in the measured physical loading test with crew members of the Saliut-6 orbital station] Baevskii RM, et al. **Kardiologiia** 1981 Nov;21(11):100-4 (Eng. Abstr.) **(Rus)**

[Results of the bicycle-ergometric tests in post-infarct cardiosclerosis] Churin VD, et al. **Kardiologiia** 1981;21(10):97-101 (Eng. Abstr.) **(Rus)**

PHYSICAL FITNESS/SPORTS MEDICINE

EXERCISE TEST

[False negative reactions of the bicycle ergometry test in ischemic heart disease and stenosing arteriosclerosis of the coronary arteries] Gasilin VS, et al. **Kardiologiia** 1981;21(10):94–7 (Eng. Abstr.) (Rus)

[Rhythmographic study of the frequency dependence of extrasystole in ischemic heart disease] Ianushkevichus ZI, et al. **Kardiologiia** 1981;21(10):43–6 (Eng. Abstr.) (Rus)

[Determination of the myocardial reserve by ergometry] Pomerantsev VP, et al. **Kardiologiia** 1981 Sep;21(9):68–72 (Eng. Abstr.) (Rus)

[Diagnostic importance of the ergometrine test in ischemic heart disease] Sidorenko BA, et al. **Kardiologiia** 1981 Aug; 21(8):87–92 (Eng. Abstr.) (Rus)

[Value of dipyridamole test in the diagnosis of ischemic heart disease] Sidorenko BA, et al. **Kardiologiia** 1981;21(10):89–93 (Eng. Abstr.) (Rus)

[Anti-arrhythmic effectiveness of ethmozine, cordaron and rhythmodan in treating ischemic heart disease] Zhivoderov VM, et al. **Kardiologiia** 1981 Sep;21(9):41–4 (Eng. Abstr.) (Rus)

[Results of a hemodynamic and cardiac cycle phase structure study in a functional test with measured physical load on a 140-day flight in the Saliut-6 station] Egorov AD, et al. **Kosm Biol Aviakosm Med** 1981;15(3):18–22 (Eng. Abstr.) (Rus)

[Clinicoepidemiological analysis of ECG ischemic reactions to physical loading in men] Lipovetskiĭ BM, et al. **Sov Med** 1981; (4):10–3 (Eng. Abstr.) (Rus)

[Seasonal rhythm of cardiac loading tolerance and of immune reactivity in ischemic heart disease] Oranskiĭ IE, et al. **Sov Med** 1981;(7):11–4 (Eng. Abstr.) (Rus)

[Physical exercise in patients with diabetes mellitus (literature review and author's data)] Efimov AS, et al. **Ter Arkh** 1981; 53(7):139–42 (Eng. Abstr.) (Rus)

[Hemodynamics and oxygen supply after physical exertion in ischemic heart disease as related to blood cholesterol and triglyceride levels] Ianovskiĭ GV, et al. **Ter Arkh** 1981; 53(8):34–8 (Eng. Abstr.) (Rus)

[Changes in the ECG R wave voltage during the bicycle exercise test as one of the criteria for discontinuing exercise] Khelfets ZN. **Ter Arkh** 1981;53(8):49–51 (Eng. Abstr.) (Rus)

[Dynamics of arterial blood oxygen tension in healthy persons and in ischemic heart disease patients under conditions of veloergometric exercise (Report II)] Kobuliia BG, et al. **Ter Arkh** 1981;53(8):44–9 (Eng. Abstr.) (Rus)

[Criteria for discontinuing exercise tests in patients with coronary arteriosclerosis and post-infarct cardiosclerosis] Sokolov IuN, et al. **Ter Arkh** 1981;53(8):41–4 (Eng. Abstr.) (Rus)

[Mechanisms of compensation and adaptation in cardiac hyperfunction] Dziak VN, et al. **Vrach Delo** 1981 Mar; (3):88–92 (Eng. Abstr.) (Rus)

[Role of the exercise test in patients with arrhythmias] Cikoš J, et al. **Med Pregl** 1981;34(5–6):225–9 (Eng. Abstr.) (Scr)

[Load tolerance at the first ergometric examination and lethality after myocardia infarction (author's transl)] Mikeš Z, et al. **Bratisl Lek Listy** 1981 Mar;75(3):337–44 (Eng. Abstr.) (Slo)

[Methodology of exercise tests in the 1st month of acute myocardial infarct] Aros LF, et al. **Rev Esp Cardiol** 1981;34(2):127–32 (Eng. Abstr.) (Spa)

EXERCISE THERAPY

Cardiac rehabilitation in the critical care unit. Duke D, et al. **Crit Care Nurse** 1980 Nov-Dec;1(1):32–8

Cardiac rehabilitation: state of the art. Goldmann MA. **Geriatrics** 1981 Nov;36(11):103–12

Secondary prevention in myocardial infarction survivors. **Ir Med J** 1981 Sep;74(9):245–7

Management of patellar malalignment. Kettelkamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344–8 (45 ref.)

Physical activity as a therapy for psychopathology: a reappraisal. Browman CP. **J Sports Med Phys Fitness** 1981 Jun; 21(2):192–7

Early rehabilitation after myocardial infarction. Mayou R, et al. **Lancet** 1981 Dec 19–26;2(8260–61):1399–402

Respiratory muscle function, assessment, and training. Shaffer TH, et al. **Phys Ther** 1981 Dec;61(12):1711–23

The Bad Ragaz ring method. Boyle AM. **Physiotherapy** 1981 Sep; 67(9):265–8

And have you done your exercises? Care GR, et al. **Physiotherapy** 1981 Jun;67(6):180

Basic hydrotherapy. Golland A. **Physiotherapy** 1981 Sep; 67(9):258–62

Effect of exercise in Duchenne muscular dystrophy. Scott OM, et al. **Physiotherapy** 1981 Jun;67(6):174–6

Rehabilitation of the patient with myocardial infarction. Responsibility of the primary care physician. Wenger NK. **Primary Care** 1981 Sep;8(3):491–507 (28 ref.)

[Experience with the long-term rehabilitation of patients with ischaemic disease of the lower extremities (author's transl)] Puchmayer V, et al. **Sb Lek** 1981 Oct;83(10):277–85 (Eng. Abstr.) (Cze)

[Influence of starvation and kinesitherapy on blood lipids and their fractions (author's transl)] Jungmann H, et al. **Klin Wochenschr** 1981 Sep 15;59(18):1061–4 (Eng. Abstr.) (Ger)

[On the significance of combined kinesitherapy for the rehabilitation of ageing people with essential hypertension (author's transl)] Winterfeld HS, et al. **ZFA (Dresden)** 1981; 36(2):129–31 (Eng. Abstr.) (Ger)

[Echocardiographic evaluation of myocardial infarct patients undergoing rehabilitation] Pennestri F, et al. **G Ital Cardiol** 1981; 11(7):933–40 (Eng. Abstr.) (Ita)

[Neuropsychological training in the rehabilitative treatment of the adult hemiplegic] Cruccu G, et al. **Riv Neurobiol** 1980 Jan–Mar; 26(1):50–5 (Eng. Abstr.) (Ita)

[Motor evaluation of the hemiplegic, using the Albert scale] Zamponi A, et al. **Riv Neurobiol** 1980 Jan–Mar;26(1):34–49 (Eng. Abstr.) (Ita)

[Exercise training of patients with ischemic heart disease: preliminary study on their trainabilities (author's transl)] Doba N, et al. **Kokyu To Junkan** 1981 Jun;29(6):659–65 (Eng. Abstr.) (Jpn)

[Evaluation of various methods of motor rehabilitation after gynecological operations] Brzezina D, et al. **Ginekol Pol** 1981 Aug;52(8):743–6 (Eng. Abstr.) (Pol)

[Effectiveness of exercise therapy in ankylosing spondylitis] Gieremek K. **Reumatologia** 1981;19(1):53–8 (Eng. Abstr.) (Pol)

[Method of conducting a staged rehabilitation of patients who have had a myocardial infarct] Bluzhas IN, et al. **Kardiologiia** 1981 Sep;21(9):10–4 (Eng. Abstr.) (Rus)

[Quantitative evaluation of the prognosis of the effectiveness of physical rehabilitation of myocardial infarct patients at the sanatorium stage] Bel'skiĭ NE, et al. **Ter Arkh** 1981;53(8):23–5 (Eng. Abstr.) (Rus)

[Physical training as one of the factors of rehabilitation of patients in the early stages of cardiac insufficiency] Krol VA. **Ter Arkh** 1981;53(8):85–7 (Eng. Abstr.) (Rus)

[Changes in myocardial bioelectrical activity in ischemic heart disease as affected by medical gymnastic procedures during combined therapy at a central highlands health resort] Gubanova VI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Sep–Oct; (5):38–41 (Eng. Abstr.) (Rus)

[Study of peripheral arterial circulation using mechanical oscillography in hemipareses and hemiplegias during kinesitherapy] Stanić R, et al. **Med Pregl** 1981;34(1–2):35–41 (Eng. Abstr.) (Scr)

[The pros and cons of exercise therapy in rehabilitation after myocardial infarct] Palát M. **Vnitr Lek** 1981 Oct;27(10):942–7 (Eng. Abstr.) (Slo)

[Results of early rehabilitation in the Sliač spa after myocardial infarct] Procházka Z, et al. **Vnitr Lek** 1981 Oct;27(10):948–56 (Eng. Abstr.) (Slo)

EXERTION

Electrical activity and force during voluntary contraction of normal and diseased muscle. Fuglsang-Frederiksen A. **Acta Neurol Scand [Suppl]** 1981;63(83):1–60

Further study of physical exercise and locomotor balance compensation after unilateral labyrinthectomy in squirrel monkeys. Igarashi M, et al. **Acta Otolaryngol (Stockh)** 1981 Jul–Aug;92(1–2):101–5

The effect of increased cardiac pressure load and volume load on the size of myocardial infarction following coronary artery occlusion. Tornling G, et al. **Acta Pathol Microbiol Scand** [A] 1981 Jul;89(4):309–12

Corticosterone binding in myocardial tissue of rats after chronic stress and adrenalectomy. Eller A, et al. **Acta Physiol Acad Sci Hung** 1981;57(3):205–11

Effect of exercise on the content of lipids, cholesterol and on the composition of fatty acids in the adrenals of rats receiving rapeseed oil in diet. Kucharczyk B, et al. **Acta Physiol Pol** 1981 May–Jun;32(3):263–76

Blood flow in 'red' and "white' calf muscles in cats during isometric and isotonic exercise. Bonde-Petersen F, et al. **Acta Physiol Scand** 1981 Jul;112(3):243–51

Leg blood flow during exercise in man in relation to muscle fibre composition. Frisk-Holmberg M, et al. **Acta Physiol Scand** 1981 Jul;112(3):339–42

Lactate concentrations after short, maximal exercise at various glycogen levels. Jacobs I. **Acta Physiol Scand** 1981 Apr; 111(4):465–9

Onset of blood lactate accumulation after prolonged exercise. Jacobs I, et al. **Acta Physiol Scand** 1981 Jun;112(2):215–7

Adaptive changes in work capacity, skeletal muscle capillarization and enzyme levels during training and detraining. Klausen K, et al. **Acta Physiol Scand** 1981 Sep;113(1):9–16

Adipose tissue perfusion and fatty acid release in exercising rats. Larsen T, et al. **Acta Physiol Scand** 1981 Sep;113(1):111–6

Some factors of significance for respiratory gas exchange in muscle tissue. A mathematical analysis of a capillary model. Mild KH, et al. **Acta Physiol Scand** 1981 Aug;112(4):395–404

Blood pressure and heart rate response to static exercise in relation to electromyographic activity and force development. Schibye B, et al. **Acta Physiol Scand** 1981 Sep;113(1):61–6

Effect of beta-adrenergic blockade on maximal oxygen uptake in trained males. Tesch PA, et al. **Acta Physiol Scand** 1981 Jul; 112(3):351–2

Serum enzyme CK-B rise following exhaustive physical exercise [letter] Bark S, et al. **Am Heart J** 1981 Dec; 102(6 Pt 1):1079–80

Regional coronary angiographic observations during cold stimulation in patient with exertional chest pain: comparison of diameter responses in normal and fixed stenotic vessels. Feldman RL, et al. **Am Heart J** 1981 Nov;102(5):822–30

Evidence of impaired myocardial perfusion and abnormal left ventricular function during exercise in patients with isolated systolic narrowing of the left anterior descending coronary artery. Ahmad M, et al. **Am J Cardiol** 1981 Nov;48(5):832–6

Intravenous dipyridamole combined with isometric handgrip for near maximal acute increase in coronary flow in patients with coronary artery disease. Brown BG, et al. **Am J Cardiol** 1981 Dec;48(6):1077–85

Localization of coronary artery disease with exercise electrocardiography: correlation wit thallium-201 myocardial perfusion scanning. Dunn RF, et al. **Am J Cardiol** 1981 Nov; 48(5):837–43

Plasma testosterone, high density lipoprotein cholesterol and other lipoprotein fractions. Gutai J, et al. **Am J Cardiol** 1981 Nov; 48(5):897–902

Improvement in supine bicycle exercise performance in refractory congestive heart failure after isosorbide dinitrate: radionuclide and hemodynamic evaluation of acute effects. Hecht HS, et al. **Am J Cardiol** 1982 Jan;49(1):133–40

Combined therapy with verapamil and propranolol in chronic stable angina. Subramanian B, et al. **Am J Cardiol** 1982 Jan; 49(1):125–32

Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Thompson PD, et al. **Am J Cardiol** 1981 Nov;48(5):844–50

Effects of isosorbide dinitrate and hydralazine on regional metabolic responses to arm exercise in patients with heart failure. Wilson JR, et al. **Am J Cardiol** 1981 Nov;48(5):934–8

Tai Chi Chuan. Koh TC. **Am J Chin Med** 1981 Spring; 9(1):15–22

The energy expenditure of female carpet weavers and rural women in Iran. Geissler CA, et al. **Am J Clin Nutr** 1981 Dec; 34(12):2776–83

Body composition and physical activity in 8-year-old children. Ku LC, et al. **Am J Clin Nutr** 1981 Dec;34(12):2770–5

Diet, other lifestyle factors and HDL cholesterol in a population of Australian male service recruits. Dwyer T, et al. **Am J Epidemiol** 1981 Nov;114(5):683–96

Exercise-associated amenorrhea: a distinct entity? Schwartz B, et al. **Am J Obstet Gynecol** 1981 Nov 15;141(6):662–70

Evaluation of myocardial performance during wheelchair ergometer exercise. Wilde SW, et al. **Am J Phys Med** 1981 Dec; 60(6):277–91

Effects of experimental volume-overload hypertrophy on myocardial blood flow and cardiac function. Badke FR, et al. **Am J Physiol** 1981 Oct;241(4):H564–70

Persistent increase in glucose uptake by rat skeletal muscle following exercise. Ivy JL, et al. **Am J Physiol** 1981 Nov; 241(5):C200–3

Functional evaluation of coronary collateral development in conscious dogs. Tomoike H, et al. **Am J Physiol** 1981 Oct; 241(4):H519–24

Kinesiology. III. An analysis of peak efforts in sports activities. Miller WE. **Am J Sports Med** 1982 Jan–Feb;10(1):38–9

Kinesiology. II. A practical discussion of certain muscle actions in a few illustrative sports activities. Miller WE. **Am J Sports Med** 1981 Nov–Dec;9(6):405–8

Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects [letter] Orehek J. **Am Rev Respir Dis** 1981 Oct;124(4):512–3

Metoprolol administered once daily in the treatment of hypertension. A double-blind crossover comparison between conventional tablets and metoprolol Durules. Asplund J, et al. **Ann Clin Res** 1981;13 Suppl 30:30–6

'Effort thrombosis' of the subclavian vein associated with oral contraceptives. Stricker SJ, et al. **Ann Emerg Med** 1981 Nov; 10(11):596–9

Longitudinal comparison of aerobic power in active and inactive boys aged 7.0 to 17.0 years. Mirwald RL, et al. **Ann Hum Biol** 1981 Sep–Oct;8(5):405–14

Variation in circulating immune complex levels with diet, exercise, and sleep: a comparison between normal controls and patients with systemic lupus erythematosus. Isenberg DA, et al. **Ann Rheum Dis** 1981 Oct;40(5):466–9

Running inhibits the reversal of atrophic changes in canine knee cartilage after removal of a leg cast. Palmoski MJ, et al. **Arthritis Rheum** 1981 Nov;24(11):1329–37

Coronary collaterals: role in restoration of blood flow and preservation of cardiac function during exercise. Cohen MV, et al. **Basic Res Cardiol** 1981 Sep–Oct;76(5):474–9

Static exercise in anesthetized dogs, a cause of reflex alpha-adrenergic coronary vasoconstriction. Longhurst JC, et al. **Basic Res Cardiol** 1981 Sep–Oct;76(5):530–5

Chronic exposure to a 60-Hz electric field: effects on neuromuscular function in the rat. Jaffe RA, et al. **Bioelectromagnetics** 1981;2(3):227–39

Cycle ergometer for dynamic exercise studies. Sherrill DL, et al. **Biomed Sci Instrum** 1981;17:11

Alkalinization of phosphorylase kinase-deficient muscle during tetanic contraction. Lutaya G, et al. **Biosci Rep** 1981 Feb; 1(2):177–82

Ambulatory monitoring of arterial blood pressure. Comparison between blood pressure measurements obtained with the Remler M 2000 portable recorder and by radiotelemetry under laboratory conditions and during everyday activities. Bachmann K, et al. **Biotelem Patient Monit** 1981;8(1–2):47–55

Radiotelemetry of direct blood pressure measurements in the arterial and pulmonary circulation. Bachmann K, et al. **Biotelem Patient Monit** 1981;8(1–2):15–27

Continuous tape-recording of ambulatory blood pressure. Technical considerations. Millar-Craig MW, et al. **Biotelem Patient Monit** 1981;8(1–2):56–66

Clinical relevance of ambulatory blood pressure measurements. Perloff D, et al. **Biotelem Patient Monit** 1981;8(1–2):67–80

Fully automatic portable recording of indirect blood pressures in subjects awake and asleep, at home and at work. Schneider RA. **Biotelem Patient Monit** 1981;8(1–2):81–9

Comparison of radiotelemetry of blood pressure and standard exercise tests. Zerzawy R, et al. **Biotelem Patient Monit** 1981; 8(1–2):90–9

Radiotelemetry of direct blood pressure. Zerzawy R, et al. **Biotelem Patient Monit** 1981;8(1–2):7–14

Exercise first-pass radionuclide ventriculography in detection of coronary artery disease [letter] Marx P, et al. **Br Heart J** 1981 Oct;46(4):461–3

Aortic regurgitation. Detection of left ventricular dysfunction by exercise echocardiography. Paulsen W, et al. **Br Heart J** 1981 Oct;46(4):380–8

Thallium-201 myocardial imaging in patients with dilated and ischaemic cardiomyopathy. Saltissi S, et al. **Br Heart J** 1981 Sep; 46(3):290–5

Effects of sodium nitroprusside upon cardiac work, efficiency, and substrate extraction in severe left ventricular failure. Thompson DS, et al. **Br Heart J** 1981 Oct;46(4):394–400

Influence of intrinsic sympathomimetic activity of beta-adrenoceptor blockers on the heart rate and blood pressure responses to graded exercise. Jennings G, et al. **Br J Clin Pharmacol** 1981 Sep;12(3):355–62

Observations on the clinical pharmacology and plasma concentrations of diacetolol, the major human metabolite of acebutolol. Ohashi K, et al. **Br J Clin Pharmacol** 1981 Oct; 12(4):561–5

The combination of nifedipine and propranolol in the management of patients with angina pectoris. Tweddel AC, et al. **Br J Clin Pharmacol** 1981 Aug;12(2):229–33

Stress, personality, and coronary artery disease. Davies MH. **Br J Hosp Med** 1981 Oct;26(4):350, 353, 359–60

Carbon monoxide and exercise tolerance in chronic bronchitis and emphysema. Calverley PM, et al. **Br Med J [Clin Res]** 1981 Oct 3;283(6296):878–80

Breathing during exercise in airway obstruction. Jones NL. **Bull Eur Physiopathol Respir** 1981;17(5):737–9

Changes in exhaled pulmonary diffusing capacity at rest and exercise in individuals with impaired positional diffusion. McClean PA, et al. **Bull Eur Physiopathol Respir** 1981; 17(2):179–86

Spirometry and gas exchange in chronic pulmonary thromboembolism. Riedel M, et al. **Bull Eur Physiopathol Respir** 1981;17(2):209–21

Respiratory drive during exercise in chronic obstructive lung disease. Sergysels R, et al. **Bull Eur Physiopathol Respir** 1981; 17(5):755–66

Canadian Association of Sports Sciences position paper on protection from exertional heat injuries. June, 1981. **Can J Appl Sport Sci** 1981 Sep;6(3):99–100

Effect of interval training and detraining on anaerobic fitness in women. Ready AE, et al. **Can J Appl Sport Sci** 1981 Sep; 6(3):114–8

Exercise-induced bronchospasm – pathophysiology and treatment. Shephard RJ. **Can J Appl Sport Sci** 1981 Sep;6(3):101–8 (177 ref.)

Anaerobic performance in middle and long distance runners. Taunton JE, et al. **Can J Appl Sport Sci** 1981 Sep; 6(3):109–13

Effect of oral propranolol on the anerobic threshold and maximum exercise performance in normal man. Hughson RL, et al.

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

Can J Physiol Pharmacol 1981 Jun;59(6):567–73

Effect of platelet suppressant treatment with dipyridamole and aspirin on exercise performance and platelet survival time in coronary disease. Steele P, et al. **Chest** 1981 Nov; 80(5):557–61

Changes in heart rate and electrocardiogram during taijiquan exercise: analysis by telemetry in 100 subjects. Gong LS, et al. **Chin Med J [Engl]** 1981 Sep;94(9):589–92

Effect of metabolic changes on force generation in skeletal muscle during maximal exercise. Hermansen L. **Ciba Found Symp** 1981; (82):75–88

Relevance of muscle fibre type to fatigue in short intense and prolonged exercise in man. Karlsson J, et al. **Ciba Found Symp** 1981;(82):59–74

The tremor in fatigue. Lippold O. **Ciba Found Symp** 1981; (82):234–48

Muscle fibre recruitment and metabolism in prolonged exhaustive dynamic exercise. Saltin B. **Ciba Found Symp** 1981;(82):41–58

Shortage of chemical fuel as a cause of fatigue: studies by nuclear magnetic resonance and bicycle ergometry. Wilkie D. **Ciba Found Symp** 1981;(82):102–19

Cardiac hypertrophy in response to an isometric training program in the cat. Muntz KH, et al. **Circ Res** 1981 Nov; 49(5):1092–101

Secondary prevention in myocardial infarction survivors. **Circulation** 1982 Jan;65(1):216A–219A

Cardiovascular responses to exercise in middle-aged men after 10 days of bedrest. Convertino V, et al. **Circulation** 1982 Jan; 65(1):134–40

Effects of 12 months of intense exercise training on ischemic ST-segment depression in patients with coronary artery disease. Ehsani AA, et al. **Circulation** 1981 Dec;64(6):1116–24

The pathophysiology of angina pectoris and the effect of lidoflazine. Gobel FL, et al. **Circulation** 1982 Jan; 65(1 Pt 2):127–32 (49 ref.)

The 24-hour ambulatory blood pressure profile with verapamil. Gould BA, et al. **Circulation** 1982 Jan;65(1):22–7

Arterial dilators in mitral regurgitation: effects on rest and exercise hemodynamics and long-term clinical follow-up. Greenberg BH, et al. **Circulation** 1982 Jan;65(1):181–7

The relationship of cardiac output and arterial pressure control. Guyton AC. **Circulation** 1981 Dec;64(6):1079–88 (34 ref.)

Influence of the location of left anterior descending coronary artery stenosis on left ventricular function during exercise. Leong K, et al. **Circulation** 1982 Jan;65(1):109–14

Pulmonary blood volume ratio response to exercise; a noninvasive determination of exercise-induced changes in pulmonary capillary wedge pressure. Okada RD, et al. **Circulation** 1982 Jan; 65(1):126–33

Verapamil versus placebo in relieving stable angina pectoris. Pine MB, et al. **Circulation** 1982 Jan;65(1):17–22

Demonstration of training effect during chronic beta-adrenergic blockade in patients with coronary artery disease. Pratt CM, et al. **Circulation** 1981 Dec;64(6):1125–9

Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Rainwater J, et al. **Circulation** 1982 Jan;65(1):77–81

The effects of lidoflazine on exercise performance and thallium stress scintigraphy in patients with stable angina pectoris. Shapiro W, et al. **Circulation** 1982 Jan;65(1 Pt 2):143–50

Serumlipoprotein cholesterol in sedentary and trained male patients with coronary heart disease. Berg A, et al. **Clin Cardiol** 1981 Sep–Oct;4(5):233–7

Effects of molsidomine on global and regional left ventricular function at rest and during exercise in patients with angina pectoris. Nechwatal W, et al. **Clin Cardiol** 1981 Sep–Oct; 4(5):248–53

Chemical breathing controls: slow, intermediate and fast. Filley GF, et al. **Clin Chest Med** 1980 Jan;1(1):13–32 (114 ref.)

Pulmonary function assessment for determination of pulmonary impairment and disability evaluation. Miller WF, et al. **Clin Chest Med** 1981 Sep;2(3):327–41 (101 ref.)

Respiratory control in chronic obstructive pulmonary diseases. Park SS. **Clin Chest Med** 1980 Jan;1(1):73–84 (73 ref.)

Intralymphocytic sodium concentration: a sensitive index to identify young subjects at risk of hypertension. Ambrosioni E, et al. **Clin Exp Hypertens** 1981;3(4):675–91

Single-pass ventricular function studies. Coleman RE, et al. **Clin Nucl Med** 1981 Oct;6(10S):P117–21

Maximizing the information from thallium studies. Logic JR. **Clin Nucl Med** 1981 Oct;6(10S):P110–6

Effect of exercise on protein turnover in man. Rennie MJ, et al. **Clin Sci** 1981 Nov;61(5):627–39

Methods to assess breathlessness in healthy subjects: a critical evaluation and application to analyse the acute effects of diazepam and promethazine on breathlessness induced by exercise or by exposure to raised levels of carbon dioxide. Stark RD, et al. **Clin Sci** 1981 Oct;61(4):429–39

Beneficial effects of exercise and current concepts in adult fitness. Camaione DN, et al. **Conn Med** 1981 Oct;45(10):620–5

Exercise-induced proteinuria. Campanacci L, et al. **Contrib Nephrol** 1981;26:31–41

Effect of coffee ingestion on the left ventricular systolic time intervals at rest, during physical effort and the recovery period. Markiewicz K, et al. **Cor Vasa** 1981;23(4):280–90

Cardiopulmonary resuscitation: physical stress on the rescuer. Lonergan JH, et al. **Crit Care Med** 1981 Nov;9(11):793–5

Physical fitness in children: implications for the prevention of coronary artery disease. Rowland TW. **Curr Probl Pediatr** 1981 Jul;11(9):1–54 (184 ref.)

Glucose utilization during exercise in normal and diabetic subjects. The role of insulin. Krzentowski G, et al. **Diabetes** 1981 Dec; 30(12):983–9

Exercise-induced proteinuria in children and adolescents with type 1 (insulin dependent) diabetes. Huttunen NP, et al. **Diabetologia** 1981 Nov;21(5):495–7

Exercise and diabetes [letter] Marliss EB, et al. **Diabetologia** 1981 Sep;21(3):237

Effect of exercise-training on the metabolic manifestations of streptozotocin-induced diabetes in the rat. Reaven GM, et al. **Diabetologia** 1981 Oct;21(4):415–7

Hormonal changes associated with long distance exercise. Snow DH, et al. **Equine Vet J** 1981 Jul;13(3):195–7

Congenital complete heart block in adolescence and adult life. A follow-up study. Esscher EB. **Eur Heart J** 1981 Aug; 2(4):281–8

Stress thallium-201 myocardial scintigraphy. Review of methodological problems and proposal for standardization. Rigo P, et al. **Eur Heart J** 1980 Feb;1(1):81–7 (58 ref.)

Effect of acute exercise on amino acid incorporation into the rat myocardium. Cook EA, et al. **Eur J Applied Physiol** 1981; 47(2):105–11

Oxygen deficit during incremental exercise. Davis HA, et al. **Eur J Applied Physiol** 1981;47(2):133–40

Effects of positive and negative exercise on ventilatory CO2 sensitivity. Hulsbosch MA, et al. **Eur J Applied Physiol** 1981; 47(1):73–81

Isokinetic contractile properties of the quadriceps with relation to fiber type. Ivy JL, et al. **Eur J Applied Physiol** 1981; 47(3):247–55

Fluid control mechanisms after exercise dehydration. Kirsch KA, et al. **Eur J Applied Physiol** 1981;47(2):191–6

Effects of repeated fatiguing rhythmical hand work. Kobryn U, et al. **Eur J Applied Physiol** 1981;47(3):271–9

Relation between pedalling- and breathing rhythm. Kohl J, et al. **Eur J Applied Physiol** 1981;47(3):223–37

The effect of deep muscle temperature on the cardiovascular responses of man to static effort. Petrofsky JS, et al. **Eur J Applied Physiol** 1981;47(1):7–16

Circulating reverse triiodothyronine in humans during exercise. Premachandra BN, et al. **Eur J Applied Physiol** 1981; 47(3):281–8

Myocardial oxygen extraction and oxygen-hemoglobin equilibrium curve during moderate exercise. Richalet JP, et al. **Eur J Applied Physiol** 1981;47(1):27–39

Acid hydrolase activities in mouse cardiac and skeletal muscle following exhaustive exercise. Salminen A, et al. **Eur J Applied Physiol** 1981;47(1):57–64

Uptake of 3H-leucine into different fractions of rat skeletal muscle following acute endurance and sprint exercise. Wenger HA, et al. **Eur J Applied Physiol** 1981;47(1):83–92

Specificity of the anaerobic threshold in endurance trained cyclists and runners. Withers RT, et al. **Eur J Applied Physiol** 1981; 47(1):93–104

Myocardial perfusion imaging with thallium-201 to assess left ventricular hypertrophy and regional ischaemia in hypertensive patients. Folmer SC, et al. **Eur J Clin Invest** 1981 Aug; 11(4):291–7

Relative activities of atenolol and metoprolol on the cardiovascular system of man. Harry JD, et al. **Eur J Clin Pharmacol** 1981; 20(1):9–15

Effect of long-term beta-blockade with alprenolol on platelet function and fibrinolytic activity in patients with coronary heart disease. Jürgensen HJ, et al. **Eur J Clin Pharmacol** 1981; 20(4):245–50

Circulatory effects of sublingual and oral sustained-release nitroglycerin in healthy young men. Nyberg G, et al. **Eur J Clin Pharmacol** 1981 Mar;19(4):245–9

Smoking, respiratory symptoms and ventilatory capacity in young men. Kujala P. **Eur J Respir Dis [Suppl]** 1981;62(114):1–55

The amphetamine margin in sports. Laties VG, et al. **Fed Proc** 1981 Oct;40(12):2689–92

Anabolic steroids are fool's gold. Ryan AJ. **Fed Proc** 1981 Oct; 40(12):2682–8 (63 ref.)

Physical exercise in 'pulmonary fibrosis'. Arita K, et al. **Hiroshima J Med Sci** 1981 Jun;30(2):149–59

Serum thyroid hormone concentration during semi-starvation and physical exercise. Bosello O, et al. **Horm Metab Res** 1981 Nov; 13(11):651–2

Sympathetic nervous system response to graded exercise: effect of beta-blockade. Barontini MB, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-155-9

Voluntary muscular contraction with reference to agricultural tasks. Nag PK, et al. **Indian J Med Res** 1981 Jul;74:111-9

Muscular training through localized in vivo electrical stimulations. Moorthy CV, et al. **Indian J Physiol Pharmacol** 1981 Jul-Sep; 25(3):229-36

Exercise performance and adaptive modifications in the thermoregulatory system. Brück K, et al. **Int J Biometeorol** 1980 Dec;24 Suppl 2:42-53

Comparison of antihypertensive activity of atenolol and methyldopa at rest and during exercise. Magnani B, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Oct;19(10):440-4

Exercise-induced anaphylaxis as a manifestation of cholinergic urticaria. Kaplan AP, et al. **J Allergy Clin Immunol** 1981 Oct; 68(4):319-24

Identification of a new physically induced urticaria: cold-induced cholinergic urticaria. Kaplan AP, et al. **J Allergy Clin Immunol** 1981 Dec;68(6):438-41

Exercise-induced urticaria, angioedema, and anaphylactoid episodes. Lewis J, et al. **J Allergy Clin Immunol** 1981 Dec; 68(6):432-7

Effects of forced exercise during gestation on farrowing and weaning performance of swine. Hale OM, et al. **J Anim Sci** 1981 Jun;52(6):1240-3

Arm and leg intravascular temperatures of men during submaximal exercise. Aulick LH, et al. **J Appl Physiol** 1981 Nov; 51(5):1092-7

Extent of motor unit activation during effort. Belanger AY, et al. **J Appl Physiol** 1981 Nov;51(5):1131-5

Conduction velocity and EMG power spectrum changes in fatigue of sustained maximal efforts. Bigland-Ritchie B, et al. **J Appl Physiol** 1981 Nov;51(5):1300-5

Rapid brain cooling in the free-running hamster Mesocricetus auratus. Gordon CJ, et al. **J Appl Physiol** 1981 Nov; 51(5):1349-54

Effect of exhaustive exercise on myocardial performance. Grimditch GK, et al. **J Appl Physiol** 1981 Nov; 51(5):1098-102

Liver metabolites in resting and exercising rats at 1 and 4 bar. Hanson RD, et al. **J Appl Physiol** 1981 Nov;51(5):1326-30

Respiratory and stepping frequencies in conscious exercising cats. Iscoe S. **J Appl Physiol** 1981 Oct;51(4):835-9

Carbohydrate ingestion before exercise: comparison of glucose, fructose, and sweet placebo. Koivisto VA, et al. **J Appl Physiol** 1981 Oct;51(4):783-7

Left ventricular function in marathon runners: echocardiographic assessment. Paulsen W, et al. **J Appl Physiol** 1981 Oct; 51(4):881-6

Plasma norepinephrine response to exercise before and after training in humans. Péronnet F, et al. **J Appl Physiol** 1981 Oct; 51(4):812-5

Maximum leg force and power output during short-term dynamic exercise. Sargeant AJ, et al. **J Appl Physiol** 1981 Nov; 51(5):1175-82

Exercise recovery above and below anaerobic threshold following maximal work. Stamford BA, et al. **J Appl Physiol** 1981 Oct; 51(4):840-4

Nonlinear increases in diffusing capacity during exercise by seated and supine subjects. Stokes DL, et al. **J Appl Physiol** 1981 Oct; 51(4):858-63

Effect of beta-adrenergic blockade on respiratory and metabolic responses to exercise. Twentyman OP, et al. **J Appl Physiol** 1981 Oct;51(4):788-93

Intracompartmental pressure increase on exertion in patients with chronic compartment syndrome in the leg. Puranen J, et al. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1304-9

Plasma epinephrine disturbances in diabetic subjects during standing and after isometric exercise. Gustafson AB, et al. **J Clin Endocrinol Metab** 1981 Oct;53(4):759-63

Respiration in exercising fowl. II. Respiratory water loss and heat balance. Brackenbury JH, et al. **J Exp Biol** 1981 Aug; 93:327-32

Respiration in exercising fowl. I. Oxygen consumption, respiratory rate and respired gases. Brackenbury JH, et al. **J Exp Biol** 1981 Aug;93:317-25

Fitness evaluation and exercise prescription. Mead WF, et al. **J Fam Pract** 1981 Dec;13(7):1039-50

The interaction of aging and endurance exercise upon the mitochondrial function of skeletal muscle. Farrar RP, et al. **J Gerontol** 1981 Nov;36(6):642-7

Stereological methods in cell biology: where are we—where are we going? Weibel ER. **J Histochem Cytochem** 1981 Sep; 29(9):1043-52

Prediction of maximal oxygen intake over a wide range of air temperature conditions. Sato M, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):81-9

A multivariate approach to feeling of fatigue in relation to individual workers' working and living conditions. Sawada S, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):23-33

Characteristics of well-trained athletes in prolonged exercise from the viewpoint of aerobic power. Shibayama H, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):55-68

Effects of toeclip use on metabolic and cardiopulmonary responses to bicycle ergometer exercise. Wilde SW, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):47-54

Exercise-induced anaphylaxis; a case report. Shields JM, et al. **J Kans Med Soc** 1981 Sep;82(9):407, 412

Preventing atherosclerosis through exercise and control of blood coagulation. McClelland J, et al. **J Med Assoc Ga** 1981 Sep; 70(9):679-82

Swimming and physical fitness during pregnancy. Sibley L, et al. **J Nurse Midwife** 1981 Nov-Dec;26(6):3-12

Modification, by tractive loading, of the energy cost of walking in sheep, cattle and man. Boyne AW, et al. **J Physiol (Lond)** 1981 Jun;315:303-16

Physical activity as a therapy for psychopathology: a reappraisal. Browman CP. **J Sports Med Phys Fitness** 1981 Jun; 21(2):192-7

Effect of training on blood pressure and heart rate measured continuously during exercise. Man-I M, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):97-112

Serum concentrations of myoglobin, creatine phosphokinase and lactic dehydrogenase after exercise in trained and untrained athletes. Roti S, et al. **J Sports Med Phys Fitness** 1981 Jun; 21(2):113-8

Diabetes clinical care conference—Exercise in insulin-dependent diabetes. **J Tenn Med Assoc** 1981 Oct;74(10):744-5

Pritikin vs AHA diet: no difference for peripheral vascular disease [news] Korcok M. **JAMA** 1981 Oct 23-30;246(17):1871

Clinical conferences at The Johns Hopkins Hospital. Presbycardia. Abben R, et al. **Johns Hopkins Med J** 1981 Nov;149(5):203-8

Exercise stress body surface isopotential map in patients with coronary artery disease: comparison with coronary angiographic and stress myocardial perfusion scintigraphic findings. Wada M, et al. **Jpn Circ J** 1981 Oct;45(10):1203-7

Transient changes in ventilation and cardiac output at the start and end of exercise. Miyamoto Y, et al. **Jpn J Physiol** 1981; 31(2):153-68

Increased ammonia production during forearm ischemic work test in McArdle's disease. Rumpf KW, et al. **Klin Wochenschr** 1981 Dec 1;59(23):1319-20

Human muscle fatigue [editorial] **Lancet** 1981 Oct 3; 2(8249):729-30

Plasma potassium during exercise [letter] Corea L, et al. **Lancet** 1981 Dec 5;2(8258):1292

Effects of acutely and chronically administered antidepressants on the brain regional 3-methoxy-4-hydroxyphenylethyleneglycol sulfate in the forced swimming rat. Miyauchi T, et al. **Life Sci** 1981 Nov 2;29(18):1921-8

Positive and negative adaptation of muscle enzymes in aging mice subjected to physical exercise. Steinhagen-Thiessen E, et al. **Mech Ageing Dev** 1981;16(4):363-9

Blood flow measurement during exercise in sheep using Doppler ultrasonic method. Carter J, et al. **Med Biol Eng Comput** 1981 May;19(3):373-6

Online computer for assessing respiratory and metabolic function during exercise. Miyamoto Y, et al. **Med Biol Eng Comput** 1981 May;19(3):340-8

Calorimeter ergometer for concentric and eccentric work. Snellen JW, et al. **Med Biol Eng Comput** 1981 May;19(3):356-8

Cardiac nuclear medicine, part II: diagnosis of coronary artery disease. Polak JF, et al. **Med Instrum** 1981 Jul-Aug; 15(4):245-7

Studies on the sparing effect of exercise on insulin requirements in human subjects. LeBlanc J, et al. **Metabolism** 1981 Nov; 30(11):1119-24

Increase of lipoprotein-lipase activity in skeletal muscle during heavy exercise. Relation to epinephrine excretion. Lithell H, et al. **Metabolism** 1981 Nov;30(11):1130-4

In-hospital exercise after myocardial infarction [letter] **N Engl J Med** 1981 Dec 24;305(26):1592-3

Exercise and the endogenous opioids [letter] **N Engl J Med** 1981 Dec 24;305(26):1590-2

Primary intervention against coronary atherosclerosis by exercise conditioning? [editorial] Bruce RA. **N Engl J Med** 1981 Dec 17;305(25):1525-6

Reduction of coronary atherosclerosis by moderate conditioning exercise in monkeys on an atherogenic diet. Kramsch DM, et al. **N Engl J Med** 1981 Dec 17;305(25):1483-9

Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. Woodcock AA, et al. **N Engl J Med** 1981 Dec 31;305(27):1611-6

Riboflavin-responsive lipid myopathy and carnitine deficiency. Carroll JE, et al. **Neurology (NY)** 1981 Dec;31(12):1557-9

Freedom from stress: a holistic approach. Nuernberger P. **Nursinglife** 1981 Nov-Dec;1(3):61-8

Nutritional, endocrine, and demographic aspects of osteoporosis. Kleerekoper M, et al. **Orthop Clin North Am** 1981 Jul;

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

12(3):547–58 (53 ref.)

Effect of physical training on exercise performance of children following surgical repair of congenital heart disease. Goldberg B, et al. **Pediatrics** 1981 Nov;68(5):691–9

Arterial pressure, cardiac output and exercise hyperemia in chemically sympathectomized rats. Rodionov IM, et al. **Pflugers Arch** 1981 Oct;391(4):324–6

Effect of exercise on amino acid incorporation into myocardial contractile proteins. Swartman JR, et al. **Pflugers Arch** 1981 Oct; 391(4):319–23

Neural regulation of blood flow in nonworking muscles. Part III. Littell EH. **Phys Ther** 1981 Nov;61(11):1575–84

Other effects of monoaminergic inhibition with 6–hydroxydopamine and of disulfiram on the response to exercise in rats. Derévenco P, et al. **Physiologie** 1981;18(3):181–5

Exercise training for children with asthma. Out–patient programme and a residential experiment. Mallinson BM, et al. **Physiotherapy** 1981 Apr 10;67(4):106–8

Living to the limit: exercise for the chronic breathless patient. Webber BA. **Physiotherapy** 1981 May 10;67(5):128–30

Exercise–induced anterior tibial compartment compression syndrome in the elderly. Sweeney RC, et al. **Postgrad Med J** 1981 Aug;57(670):537–8

Mitochondrial regulation of phosphocreatine/inorganic phosphate ratios in exercising human muscle: a gated 31P NMR study. Chance B, et al. **Proc Natl Acad Sci USA** 1981 Nov; 78(11):6714–8

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153–60

Exercise and lipid metabolism. Oscai LB. **Prog Clin Biol Res** 1981; 67:383–90 (65 ref.)

Influence of male social contacts, exercise and all–female living conditions on the menstrual cycle. Quadagno DM, et al. **Psychoneuroendocrinology** 1981;6(3):239–44

Heart rate discrimination before and after exercise–induced augmented cardiac activity. Jones GE, et al. **Psychophysiology** 1981 May;18(3):252–7

Single–composite image display of information from tomographic myocardial perfusion studies. Klingensmith WC 3d, et al. **Radiology** 1981 Oct;141(1):242–5

The effect of two levels of muscular work on urinary creatinine excretion. Riley WW Jr, et al. **Res Q Exerc Sport** 1981 Oct; 52(3):339–47

A psychophysiological assessment of elite wrestlers. Silva JM 3d, et al. **Res Q Exerc Sport** 1981 Oct;52(3):348–58

Gas exchange during bicycle exercises preceded or not by loadless pedalling in female and male subjects. Maillard D, et al. **Respir Physiol** 1981 Aug;45(2):201–16

Ventilatory pattern during handgrip on normal man. Bosisio E, et al. **Respiration** 1981;42(2):84–7

Functional and biochemical responses of children with progressive muscular dystrophy on standard physical exertion. Nesvadba Z, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1981;24(2):215–52

Human adipose tissue blood flow during prolonged exercise, III. Effect of beta–adrenergic blockade, nicotinic acid and glucose infusion. Bülow J. **Scand J Clin Lab Invest** 1981 Jun; 41(4):415–24

Muscle metabolism during exercise in men operated upon for coarctation of the aorta in childhood. Eriksson BO, et al. **Scand J Clin Lab Invest** 1981 Apr;41(2):135–41

Relationship of high density lipoprotein cholesterol concentration to the duration and intensity of endurance training. Myhre K, et al. **Scand J Clin Lab Invest** 1981 May;41(3):303–9

Effects of exercise on urinary excretion of albumin and beta 2–microglobulin in young patients with mild essential hypertension without treatment and during long–term propranolol treatment. Pedersen EB, et al. **Scand J Clin Lab Invest** 1981 Sep;41(5):493–8

Serum ferritin in young men during prolonged heavy physical exercise. Vidnes A, et al. **Scand J Haematol** 1981 Sep; 27(3):165–70

Exposure to acetone. Uptake and elimination in man. Wigaeus E, et al. **Scand J Work Environ Health** 1981 Jun;7(2):84–94

Slow–wave sleep: a recovery period after exercise. Shapiro CM, et al. **Science** 1981 Dec 11;214(4526):1253–4

Effects of digoxin on exercise performance in normal subjects. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jan;80(1):78–92

The changes in left ventricular function during multistage bicycle supine exercise testing. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):653–72

Platelet activation during treadmill exercise in patients with chronic peripheral arterial disease. Baele G, et al. **Thromb Res** 1981 Aug 1;23(3):215–23

Effectiveness of a breath during exercise in a hyperbaric environment. Van Liew HD, et al. **Undersea Biomed Res** 1981 Sep;8(3):147–61

Effort thrombosis, a complication of thoracic outlet syndrome. Dunant JH. **Vasa** 1981;10(4):322–4

A study of fitness and cardiovascular risk factors in male office workers. Quaal SJ. **West J Nurs Res** 1981 Summer;3(3):9–24

[Orthoclinostatic reaction and functional fitness of the circulatory system in lumberers working with multi–purpose felling machines. Three–day working cycle dependence (author's transl)] Novák J, et al. **Cas Lek Cesk** 1981 Apr 23; 120(16):479–83 (Eng. Abstr.) (Cze)

[Disorders of skeletal mineralization in rheumatoid arthritis. II. The effect of inactivity and exercise] Kocián J, et al. **Fysiatr Reumatol Vestn** 1981 Oct;59(5):276–72 (Eng. Abstr.) (Cze)

[March fracture caused by a motion instrument?] Bjerregaard P, et al. **Ugeskr Laeger** 1981 Jul 6;143(28):1769 (Eng. Abstr.) (Dan)

[Sex hormones, physical work and glucose and lipid metabolism (author's transl)] Jussiant P, et al. **Ann Endocrinol (Paris)** 1981 Jul–Sep;42(3):286–7 (Eng. Abstr.) (Fre)

[Data from a study of variations of arterial pressure during exercise in boys aged 11 to 16] Dechelette E, et al. **Arch Mal Coeur** 1981 Jun;74 Spec No:27–35 (Eng. Abstr.) (Fre)

[Control of hypertension and blood lactate during exercise. Comparison of central antihypertensive agents with the cardio–selective beta blockers metoprolol and atenolol] Hardin JM, et al. **Arch Mal Coeur** 1981 Jun;74 Spec No:117–24 (Eng. Abstr.) (Fre)

[Study of the valuations of serum muscular enzymes and myoglobin after maximal exercise test and during the next 24 hours (author's transl)] Besson C, et al. **Eur J Applied Physiol** 1981; 47(1):47–56 (Eng. Abstr.) (Fre)

[Study of variations in the regional blood volume in the limbs under effort or thermal stress in arterial conditions (author's transl)] Ancri D, et al. **J Mal Vasc** 1981;6(1):61–5 (Eng. Abstr.) (Fre)

[Treatment of stage II arteriopathy of the lower limbs with coronary involvement (author's transl)] Hodara M. **J Mal Vasc** 1981;6(1):8–9 (Eng. Abstr.) (Fre)

[Left ventricular performance in chronic hemodialysis patients studied during intense exercise and during a dextran infusion test (author's transl)] Dongradi G, et al. **Nephrologie** 1981; 2(2):75–8 (Eng. Abstr.) (Fre)

[Blood pressure measurement at rest and activity blood pressure load (author's transl)] Mallion JM, et al. **Nouv Presse Med** 1981 Oct 3;10(35):2877–9 (Eng. Abstr.) (Fre)

[Physiopathology of superficial venous circulation in athletes] Venerando A, et al. **Phlebologie** 1981 Apr–Jun;34(2):289–98 (Eng. Abstr.) (Fre)

[Gas exchanges on effort in diffuse pulmonary emphysema (author's transl)] Lampert–Benignus E, et al. **Poumon Coeur** 1981; 37(3):187–93 (Eng. Abstr.) (Fre)

[Exercise and postexercise ketosis in normal and diabetic men (author's transl)] Balasse EO, et al. **Rev Med Brux** 1981 Apr; 2(4):393–7 (Eng. Abstr.) (Fre)

[The age–related decrease in performance capacity and how it is influenced in animal experiments (author's transl)] Hofecker G, et al. **Aktuel Gerontol** 1981 Nov;11(6):188–94 (Eng. Abstr.) (Ger)

[A non–invasive clinical–pharmacological method for measuring the beta–adrenolytic activity (author's transl)] Bruhn R, et al. **Arzneimittelforsch** 1981;31(8):1299–302 (Eng. Abstr.) (Ger)

[Effect of bunitrolol on heart rate, metabolic parameters during physical exercise, and performance] Keul J, et al. **Arzneimittelforsch** 1981;31(11):1948–53 (Eng. Abstr.) (Ger)

[Methodical experiences for registration of parameters under ergometric loads of children and young people (author's transl)] Brauer BM. **Arztl Jugendkd** 1981;72(5):289–91 (Eng. Abstr.) (Ger)

[The heart rate decreasing activity of the beta–blocker propranolol in various types of tachycardia in conscious dogs (author's transl)] Lehmann HD. **DTW** 1981 Jun 5;88(6):239–41 (Eng. Abstr.) (Ger)

[The influence of graduated treadmill exercise on plasma catecholamines, aerobic and anaerobic capacity in boys and adults] Lehmann M, et al. **Eur J Applied Physiol** 1981; 47(3):301–11 (Eng. Abstr.) (Ger)

[Stress–ECG after myocardial infarct. Does myocardial infarct reduce the significance of stress ECG in the diagnosis of severe stenosis of the anterior interventricular ramus, the diagonal ramus and the marginal ramus of the coronary artery] Kreul HG, et al. **Fortschr Med** 1981 Sep 3;99(33):1307–11 (Eng. Abstr.) (Ger)

[Reduction of catecholamine liberation by drugs. Therapeutic alternative to beta sympathicolysis in coronary disease?] Lönne E, et al. **Fortschr Med** 1981 Oct 15;99(39):1616–20 (Eng. Abstr.) (Ger)

[Ventricular and myocardial function of the pressure–overloaded left ventricle during exercise (author's transl)] Jehle J, et al. **Herz** 1981 Oct;6(5):300–9 (Eng. Abstr.) (Ger)

[Studies on differences in the preventive effects of habitual physical activity in occupation versus leisure time. II. Effects of physical activity in occupation versus leisure time on physical working capacity (author's transl)] Ilmarinen J, et al. **Int Arch Occup Environ Health** 1981;49(1):1–12 (Eng. Abstr.) (Ger)

[Plasma catecholamines, metabolic substrates, aerobic and anaerobic capacity during exercise in supine and sitting position (author's trantl)] Lehmann M, et al. **Klin Wochenschr** 1981 Nov 16;59(22):1237–42 (Eng. Abstr.) (Ger)

[Cardiac ischemia on exercise. Effect of nifedipine and acebutolol singly and in combination (author's transl)] Strasser R, et al. **MMW** 1981 Aug 28;123(35):1303–6 (Eng. Abstr.) (Ger)

[Sports for health of women. A physiological performance and sociological study] Messing M, et al. **Rehabilitation (Bonn)** 1981; 34(1–2):1–12 (Eng. Abstr.) (Ger)

[Oxygen consumption of the respiratory muscles in increased respiratory resistance] Bühlmann AA, et al. **Schweiz Med Wochenschr** 1981 Nov 14;111(46):1752–6 (Eng. Abstr.) (Ger)

[The stability of blood glucose under physical stress in relation to carbohydrate reducing diet, alcohol and training] Schürch PM, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):77–80 (Eng. Abstr.) (Ger)

[Preparation for delivery according to lamaze–are there subjective or objective influences on delivery? (author's transl)] Landolt A, et al. **Ther Umsch** 1981 Oct;38(10):963–70 (Eng. Abstr.) (Ger)

[Sense and nonsense in antenatal exercise procedures and the subpartal behavior (Read, Lamaze, Leboyer)] Prill HJ. **Ther Umsch** 1981 Oct;38(10):956–62 (Eng. Abstr.) (Ger)

[Effect of graduated ergometer stress on the function of human thrombocytes. Comparative examinations in control persons and patients with arterial occlusive disease in state II after Fontaine] Everts B, et al. **Vasa** 1981;10(4):299–303 (Eng. Abstr.) (Ger)

[Exercise–induced asthma (EIA) and radioallergosorbenttest (RAST) (author's transl)] Götz M, et al. **Wien Klin Wochenschr** 1981 Sep 4;93(16):514–6 (Eng. Abstr.) (Ger)

[Ergometric dose–effect study of bunitrolol (Stresson) in patients with coronary heart disease (author's transl)] Böhm H, et al. **Wien Med Wochenschr** 1981 Sep 30;131(18):457–61 (Eng. Abstr.) (Ger)

[Influence of sport on the cardiovascular system in pregnancy (author's transl)] Gastl G, et al. **Wien Med Wochenschr** 1981 Aug 31;131(15–16):383–5 (Eng. Abstr.) (Ger)

[Work hygiene and ergonomic problems in poultry breeding] Reinhardt K, et al. **Z Gesamte Hyg** 1981 Oct;27(10):739–41 (Eng. Abstr.) (Ger)

[Latent and exertion cardiac insufficiency––an indication for nitrates] Olthoff KH, et al. **Z Gesamte Inn Med** 1981 Sep 15; 36(18):644–9 (Eng. Abstr.) (Ger)

[Evaluation of disordered peripheral hemodynamics after ergometric load] Schöneich C, et al. **Z Gesamte Inn Med** 1981 Oct 1;36(19):724–7 (Eng. Abstr.) (Ger)

[Chronic administration of beta blocking agents: left ventricular hemodynamics in myocardial infarctions during exercise (author's transl)] Blümchen G, et al. **Z Kardiol** 1981 Sep;70(9):678–86 (Eng. Abstr.) (Ger)

[Correlation between isovolumic and auxotonic indexes of left ventricular contractility at rest and during exercise (author's transl)] Bussmann WD, et al. **Z Kardiol** 1981 Dec; 70(12):884–8 (Eng. Abstr.) (Ger)

[Right and left ventricular function during exercise–induced angina pectoris in patients with coronary artery disease (author's transl)] Karsch KR, et al. **Z Kardiol** 1981 Dec;70(12):902–7 (Eng. Abstr.) (Ger)

[Energy metabolism and heart rate in members of mine rescue brigades] Bründel KH, et al. **Zentralbl Arbeitsmed Arbeitsschutz Prophyl Ergonomie** 1981 Mar; 31(3):106–13 (Eng. Abstr.) (Ger)

[Risks of physiotherapeutical intervention in pre–clinical geriatrics (author's transl)] Lang E. **ZFA (Dresden)** 1981;36(2):117–24 (Eng. Abstr.) (Ger)

[Effect of isometric force (handgrip) on R wave amplitude] Malvezzi A, et al. **Boll Soc Ital Biol Sper** 1981 May 15; 57(9):937–43 (Eng. Abstr.) (Ita)

[The syndrome of hypertension of effort in the rehabilitation of patients with recent myocardial infarct. Problems of drug therapy] Opasich C, et al. **Boll Soc Ital Cardiol** 1980; 25(5):459–66 (Eng. Abstr.) (Ita)

[Platelet aggregation and blood catecholamines in healthy young persons after the exercise test] Saitta A, et al. **Boll Soc Ital Cardiol** 1980;25(4):347–54 (Eng. Abstr.) (Ita)

[Adaptation to chronic hypoxia at various altitudes] Baroni P. **Minerva Med** 1981 Oct 6;72(38):2549–56 (Eng. Abstr.) (Ita)

[Work of breathing during high altitude exercise] Maculotti L. **Minerva Med** 1981 Oct 6;72(38):2557–64 (Eng. Abstr.) (Ita)

[Comparison of angina pectoris induced by upright and recumbent exercise– using systolic time intervals and the indices for myocardial oxygen consumption (author's transl)] Tajima N. **Nippon Ika Daigaku Zasshi** 1981 Apr;48(2):178–97 (Eng. Abstr.) (Jpn)

[Quantitative evaluation of serial 201Tl Myocardial scintigrams after stress testing in ischemic heart disease (author's transl)] Watanabe Y, et al. **Radioisotopes** 1981 May;30(5):268–74 (Eng. Abstr.) (Jpn)

[Effect of the type of work on the correlation between the subjective and objective evaluation of the workload] Makowiec–Dąbrowska T, et al. **Med Pr** 1981;32(3):165–72 (Eng. Abstr.) (Pol)

[Energy expenditure in soldiers working on the public road and railroad construction] Rdzanek J, et al. **Med Pr** 1981; 32(4):297–302 (Eng. Abstr.) (Pol)

[Functional status of certain subcortical brain structures during adaptation and deadaptation to physical loading] Boev VM. **Biull Eksp Biol Med** 1981 Sep;92(9):271–3 (Eng. Abstr.) (Rus)

[Dynamics of the oxygen regime of the vascular wall during functional hyperemia of skeletal muscles and arterial hypoxia] Bershtein SA, et al. **Fiziol Zh** 1981 Sep–Oct;27(5):658–62 (Eng. Abstr.) (Rus)

[Role of the pentosephosphate pathway of carbohydrate metabolism in muscle adaptation to increased activity] Koliadko NG. **Fiziol Zh SSSR** 1981 Jul;67(7):1064–7 (Eng. Abstr.) (Rus)

[Bioenergetic characteristics of different kinds of physical loads] Usik SV, et al. **Fiziol Zh SSSR** 1981 Sep;67(9):1370–4 (Eng. Abstr.) (Rus)

[Study of cardiac rhythm disorders in healthy men] Dembo AG, et al. **Kardiologiia** 1981;21(10):51–5 (Eng. Abstr.) (Rus)

[False negative reactions of the bicycle ergometry test in ischemic heart disease and stenosing arteriosclerosis of the coronary arteries] Gasilin VS, et al. **Kardiologiia** 1981;21(10):94–7 (Eng. Abstr.) (Rus)

[Rhythmographic study of the frequency dependence of extrasystole in ischemic heart disease] Ianushkevichus ZI, et al. **Kardiologiia** 1981;21(10):43–6 (Eng. Abstr.) (Rus)

[Mathematical modeling of human cardiovascular reactions under postural test and physical loading conditions] Arsent'eva IV. **Kosm Biol Aviakosm Med** 1981;15(3):31–4 (Eng. Abstr.) (Rus)

[Changes in 'Hageman factor system' indices during human adaptation to intensive physical loading] Chernukh AM, et al. **Patol Fiziol Eksp Ter** 1981 Sep–Oct;(5):25–8 (Eng. Abstr.) (Rus)

[Effect of graded muscular exercise on the morphofunctional characteristics of the adrenal glands of dogs in experimental hypocorticism] Kochetkov AG. **Probl Endokrinol (Mosk)** 1981 Jul–Aug;27(4):53–8 (Eng. Abstr.) (Rus)

[Use of a standard WHO questionnaire in population surveillance for exertion–induced angina pectoris] Chazova LV, et al. **Ter Arkh** 1981;53(5):33–8 (Eng. Abstr.) (Rus)

[Physical exercise in patients with diabetes mellitus (literature review and author's data)] Efimov AS, et al. **Ter Arkh** 1981; 53(7):139–42 (Eng. Abstr.) (Rus)

[Comparative study of the effectiveness of sustac and nitrosorbid treatment of exertion–induced angina pectoris] Mazur NA, et al. **Ter Arkh** 1981;53(5):48–52 (Eng. Abstr.) (Rus)

[Activity of enzymes of the oxidative part of the pentose phosphate pathway in skeletal muscles during muscular activity of different types and during the recovery period] Koliadko NG. **Ukr Biokhim Zh** 1981 Sep–Oct;53(5):106–10 (Eng. Abstr.) (Rus)

[State of the brain nerve cell chromatin and nucleic acid content of the muscles of rats exposed at different sites to decimeter waves under physical loading] Sokolova ZA. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Jul–Aug;(4):35–8 (Eng. Abstr.) (Rus)

[Adaptation of the heart to physical load in patients with chronic glomerulonephritis in the non–hypertensive stages] Todorenko AD, et al. **Vrach Delo** 1981 Oct;(10):42–6 (Eng. Abstr.) (Rus)

[Characteristics of individual development and patterns of male and female rats in light of the skeletal muscle energy rule] Arshavskiĭ IA, et al. **Zh Obshch Biol** 1981 Sep–Oct; 42(5):698–707 (Eng. Abstr.) (Rus)

[Functional state of the hippocampo–reticular complex during submaximal physical loading and fatigue] Boev VM, et al. **Zh Vyssh Nerv Deiat** 1981 Sep–Oct;31(5):1029–37 (Eng. Abstr.) (Rus)

[Functional capacity and working status after myocardial infarction] Sanz G, et al. **Rev Esp Cardiol** 1981;34(3):219–26 (Eng. Abstr.) (Spa)

EXTRASYSTOLE

Significance and reproducibility of exercise–related idiopathic ventricular arrhythmias. Sonnhag C, et al. **Eur Heart J** 1980 Jun; 1(3):183–93

[Rhythmographic study of the frequency dependence of extrasystole in ischemic heart disease] Ianushkevichus ZI, et al. **Kardiologiia** 1981;21(10):43–6 (Eng. Abstr.) (Rus)

[Anti–arrhythmic effectiveness of ethmozine, cordaron and rhythmodan in treating ischemic heart disease] Zhivoderov VM, et al. **Kardiologiia** 1981 Sep;21(9):41–4 (Eng. Abstr.) (Rus)

EYE INJURIES

Squash ball to eye ball: the likelihood of squash players incurring

EYE INJURIES

an eye injury. Barrell GV, et al. **Br Med J [Clin Res]** 1981 Oct 3;283(6296):893–5

Ocular sports injuries. **Int Ophthalmol Clin** 1981 Winter; 21(4):1–229

Eye injuries in racket sports. Easterbrook M. **Int Ophthalmol Clin** 1981 Winter;21(4):87–119

Ocular sports injuries. Legal aspects. II. Lawyer's perspective. Hinson DB. **Int Ophthalmol Clin** 1981 Winter;21(4):209–18

Ocular sports injuries. Legal aspects. I. Patient's perspective. Kaplan PJ. **Int Ophthalmol Clin** 1981 Winter;21(4):203–7

Ocular sports injuries. Standards of protection and prevention. I. Applications of protective principles from industry. Keeney AH. **Int Ophthalmol Clin** 1981 Winter;21(4):163–9

Eye injuries in hockey. Pashby TH. **Int Ophthalmol Clin** 1981 Winter;21(4):59–86

Ocular sports injuries: a review of cases on file in the Massachusetts eye and ear infirmary pathology laboratory. Portis JM, et al. **Int Ophthalmol Clin** 1981 Winter;21(4):1–19

National Athletic Injury/Illness Reporting System: eye injuries in college wrestling. Powell JW. **Int Ophthalmol Clin** 1981 Winter; 21(4):47–58

Ocular sports injuries. Economic considerations. Tolpin HG, et al. **Int Ophthalmol Clin** 1981 Winter;21(4):179–201

Ocular sports injuries. Standards of protection and prevention. II. The role of government in injury prevention. Tsongas PE. **Int Ophthalmol Clin** 1981 Winter;21(4):171–7

Ocular sports injuries. Principles of protection. Vinger PF. **Int Ophthalmol Clin** 1981 Winter;21(4):149–61

The incidence of eye injuries in sports. Vinger PF. **Int Ophthalmol Clin** 1981 Winter;21(4):21–46

Contact lenses for athletes. Weis DR. **Int Ophthalmol Clin** 1981 Winter;21(4):139–48

FACIAL INJURIES

The incidence of eye injuries in sports. Vinger PF. **Int Ophthalmol Clin** 1981 Winter;21(4):21–46

Lacerations in Rugby Union football. Durkin TE. **Practitioner** 1981 Jul;225(1357):1043–44

[Trauma resulting from tug-of-war] Ferguson A, et al. **Ugeskr Laeger** 1981 Sep 7;143(37):2354 (Eng. Abstr.) (Dan)

FASCIA

Recurrent compartment syndrome in the posterior thigh. Report of a case. Raether PM, et al. **Am J Sports Med** 1982 Jan–Feb; 10(1):40–3

Open tibia fracture with compartment syndrome. DeLee JCU, et al. **Clin Orthop** 1981;(160):175–84

Intracompartmental pressure increase on exertion in patients with chronic compartment syndrome in the leg. Puranen J, et al. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1304–9

FATIGUE

Metoprolol administered once daily in the treatment of hypertension. A double-blind crossover comparison between conventional tablets and metoprolol Durules. Asplund J, et al. **Ann Clin Res** 1981;13 Suppl 30:30–6

The perception of fatigue. **Ciba Found Symp** 1981;(82):283–96

EMG and fatigue of human voluntary and stimulated contractions. Bigland-Ritchie B. **Ciba Found Symp** 1981;(82):130–56

Human muscle function and fatigue. Edwards RH. **Ciba Found Symp** 1981;(82):1–18

Relevance of muscle fibre type to fatigue in short intense and prolonged exercise in man. Karlsson J, et al. **Ciba Found Symp** 1981;(82):59–74

The tremor in fatigue. Lippold O. **Ciba Found Symp** 1981; (82):234–48

The pathophysiology of inspiratory muscle fatigue. Macklem PT, et al. **Ciba Found Symp** 1981;(82):249–63

Shortage of chemical fuel as a cause of fatigue: studies by nuclear magnetic resonance and bicycle ergometry. Wilkie D. **Ciba Found Symp** 1981;(82):102–19

Effects of repeated fatiguing rhythmical hand work. Kobryn U, et al. **Eur J Applied Physiol** 1981;47(3):271–9

Frequency analysis of surface EMG to evaluation of muscle fatigue. Sadoyama T, et al. **Eur J Applied Physiol** 1981;47(3):239–46

Muscular training through localized in vivo electrical stimulations. Moorthy CV, et al. **Indian J Physiol Pharmacol** 1981 Jul–Sep; 25(3):229–36

Conduction velocity and EMG power spectrum changes in fatigue of sustained maximal efforts. Bigland-Ritchie B, et al. **J Appl Physiol** 1981 Nov;51(5):1300–5

Effect of exhaustive exercise on myocardial performance. Grimditch GK, et al. **J Appl Physiol** 1981 Nov; 51(5):1098–102

A multivariate approach to feeling of fatigue in relation to individual workers' working and living conditions. Sawada S, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):23–33

Human muscle fatigue [editorial] **Lancet** 1981 Oct 3; 2(8249):729–30

[March fracture caused by a motion instrument?] Bjerregaard P, et al. **Ugeskr Laeger** 1981 Jul 6;143(28):1769 (Eng. Abstr.) (Dan)

[Effects of TV-game and healthy endurance running on biological functions (author's transl)] An'ei T. **Nippon Eiseigaku Zasshi** 1981 Feb;35(6):858–63 (Eng. Abstr.) (Jpn)

[Effect of the type of work on the correlation between the subjective and objective evaluation of the workload] Makowiec-Dąbrowska T, et al. **Med Pr** 1981;32(3):165–72 (Eng. Abstr.) (Pol)

[Functional state of the hippocampo-reticular complex during submaximal physical loading and fatigue] Boev VM, et al. **Zh Vyssh Nerv Deiat** 1981 Sep–Oct;31(5):1029–37 (Eng. Abstr.) (Rus)

FEMORAL FRACTURES

[Post-traumatic myositis ossificans] Altieri E, et al. **Chir Organi Mov** 1981 May–Jun;66(3):415–20 (Eng. Abstr.) (Ita)

FEMUR

Lucent articular lesion in the lateral femoral condyle: source of patellar femoral pain in the athletic adolescent. Cayea PD, et al. **AJR** 1981 Dec;137(6):1145–9

Physiological and metabolic effects of a 25 km race in female athletes. Haralambie G, et al. **Eur J Applied Physiol** 1981; 47(2):123–31

Management of patellar malalignment. Kettelkamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344–8 (45 ref.)

FEMUR HEAD

[Biomechanics of the hip joint] Sotirow B. **Chir Narzadow Ruchu Ortop Pol** 1981;46(2):143–6 (Eng. Abstr.) (Pol)

FIBRINOLYSIS

Effect of long-term beta-blockade with alprenolol on platelet function and fibrinolytic activity in patients with coronary heart disease. Jürgensen HJ, et al. **Eur J Clin Pharmacol** 1981; 20(4):245–50

Preventing atherosclerosis through exercise and control of blood coagulation. McClelland J, et al. **J Med Assoc Ga** 1981 Sep; 70(9):679–82

FIBULA

Stress fractures in young athletes. Orava S, et al. **Arch Orthop Trauma Surg** 1981;98(4):271–4

Open tibia fracture with compartment syndrome. DeLee JCU, et al. **Clin Orthop** 1981;(160):175–84

FINGER INJURIES

Upper extremity injuries in skiing. Carr D, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):378–83

Angular deformity of the middle fingers in a young athlete. A case report. Rayan GM, et al. **Am J Sports Med** 1982 Jan–Feb; 10(1):51–4

Fractures and refractures in intercollegiate athletes. An eleven-year experience. Whiteside JA, et al. **Am J Sports Med** 1981 Nov–Dec; 9(6):369–77

FOOTBALL

Pseudovacuum of the cervical intervertebral disc: a normal variant. Daffner RH, et al. **AJR** 1981 Oct;137(4):737–9

Sudden death while playing professional football. Roberts WC, et al. **Am Heart J** 1981 Dec;102(6 Pt 1):1062–3

A chronicle of injuries of an American intercollegiate football team. Canale ST, et al. **Am J Sports Med** 1981 Nov–Dec; 9(6):384–9

Medial collateral ligament injuries in football. Nonoperative management of grade I and grade II sprains. Derscheid GL, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):365–8

Meniscal ossicle. A case report. Mariani PP, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):392–3

Interview with Rolf Benirschke: ileostomate and second leading 1980 NFL scorer (interviewed by Philip Pressel). Benirschke R. **ET J** 1981 Nov–Dec;8(6):22, 56

The Sunday syndrome: from kinetics to altered consciousness. Mandell AJ, et al. **Fed Proc** 1981 Oct;40(12):2693–8

Medical problems in Association football. Sash L. **Practitioner** 1981 Jul;225(1357):1047–50

FORCED EXPIRATORY FLOW RATES

Maximal expiratory flow-volume relationships before and after eight weeks of endurance training. Farrell PA. **J Sports Med Phys Fitness** 1981 Jun;21(2):145–9

Effect of swimming on forced expiration and sputum clearance in cystic fibrosis. Zach MS, et al. **Lancet** 1981 Nov 28; 2(8257):1201–3

FORCED EXPIRATORY VOLUME

Observations on the clinical pharmacology and plasma concentrations of diacetolol, the major human metabolite of acebutolol. Ohashi K, et al. **Br J Clin Pharmacol** 1981 Oct; 12(4):561–5

beta-Adrenergic blockade with pindolol (LB-46) in mild to moderate asthma. Sue DY, et al. **Chest** 1981 Nov; 80(5):537–42

Standardization of work intensity for evaluation of exercise-induced bronchoconstriction. Wilson BA, et al. **Eur J Applied Physiol** 1981;47(3):289–94

A double-blind, placebo-controlled evaluation of (dl)-3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2, in exercise-induced bronchospasm. Cho YW, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Jun;19(6):266–72

Prazosin, an alpha 1-adrenoceptor antagonist, partially inhibits exercise-induced asthma. Barnes PJ, et al. **J Allergy Clin Immunol** 1981 Dec;68(6):411–5

Exercise-induced anaphylaxis as a manifestation of cholinergic urticaria. Kaplan AP, et al. **J Allergy Clin Immunol** 1981 Oct; 68(4):319–24

Exercise-induced bronchoconstriction as an expression of bronchial hyperreactivity: a study of its mechanisms in children. Neijens HJ, et al. **Thorax** 1981 Jul;36(7):517–22

Hyperventilation of exercise to induce asthma? Tweeddale PM, et al. **Thorax** 1981 Aug;36(8):596–8

FRACTURES

An analysis of roller skating injuries. Ferkel RD, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):24–30

Fracture of the fused os trigonum. Ihle CL, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):47–50

Fractures and refractures in intercollegiate athletes. An eleven-year experience. Whiteside JA, et al. **Am J Sports Med** 1981 Nov–Dec; 9(6):369–77

Mechanical bull injuries: the empty saddle syndrome. Ten Eyck RP, et al. **Ann Emerg Med** 1981 Nov;10(11):582–4

Stress fractures in young athletes. Orava S, et al. **Arch Orthop Trauma Surg** 1981;98(4):271–4

Heterotopic bone formation: a case report. Lepow GM, et al. **J Foot Surg** 1980 Summer;19(2):63–5

[Avulsion fracture of the ischial tuberosity (author's transl)] Matějovsky Z, et al. **Acta Chir Orthop Traumatol Cech** 1981 Aug; 48(4):333–6 (Eng. Abstr.) **(Cze)**

[March fracture caused by a motion instrument?] Bjerregaard P, et al. **Ugeskr Laeger** 1981 Jul 6;143(28):1769 (Eng. Abstr.) **(Dan)**

FRACTURES, OPEN

Open tibia fracture with compartment syndrome. DeLee JCU, et al. **Clin Orthop** 1981;(160):175–84

FRACTURES, SPONTANEOUS

Recurrent tibial stress fractures in a jogger. Schlefman BS, et al. **J Am Podiatry Assoc** 1981 Oct;71(10):577–9

FRONTAL BONE

Pott's puffy tumor, frontal sinusitis, frontal bone osteomyelitis, and epidural abscess secondary to a wrestling injury. Tudor RB, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):390–1

FUNCTIONAL RESIDUAL CAPACITY

Static transdiaphragmatic pressures in normal subjects and in patients with chronic hyperinflation. Gibson GJ, et al. **Am Rev Respir Dis** 1981 Dec;124(6):685–9

Respiratory drive during exercise in chronic obstructive lung disease. Sergysels R, et al. **Bull Eur Physiopathol Respir** 1981; 17(5):755–66

GYMNASTICS

[Causes of subcutaneous tendon rupture in athletes] Nikitin GD, et al. **Vestn Khir** 1981 Jul;127(7):78–81 (Eng. Abstr.) **(Rus)**

HANDICAPPED

Physical activity and persons with disabilities. Edwards P. **Can J Public Health** 1981 May–Jun;72(3):170–1

Physical education and the handicapped. Ersing WF. **Conn Med** 1981 Sep;45(9):578–82

Role of primary care physician in sports for the handicapped. Healy A. **Conn Med** 1981 Sep;45(9):571–3

Rehabilitative benefits of sports for the handicapped. Molnar G. **Conn Med** 1981 Sep;45(9):574–7

Teachers' expectations for handicapped and non-handicapped children in mainstreamed physical education classes. Martinek TJ, et al. **Percept Mot Skills** 1981 Aug;53(1):327–30

Sport and recreation for the severely disabled. Meyer CM. **S Afr Med J** 1981 Nov 28;60(22):868–71

HEAD INJURIES

Performance of baseball headgear. Goldsmith W, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):31–7

Pott's puffy tumor, frontal sinusitis, frontal bone osteomyelitis, and epidural abscess secondary to a wrestling injury. Tudor RB, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):390–1

Medical problems of a high altitude Himalayan expedition. Finnegan TP. **J R Army Med Corps** 1981 Oct;127(3):141–7

Lacerations in Rugby Union football. Durkin TE. **Practitioner** 1981 Jul;225(1357):1043–44

[Fatal swimming accident by a windsurfer] Schellmann B, et al. **Beitr Gerichtl Med** 1981;39:269–72 (Eng. Abstr.) **(Ger)**

HEALTH EDUCATION

Health education... a separate and unique discipline. Cobb RS. **J Sch Health** 1981 Nov;51(9):603–4

HEALTH STATUS

Beneficial effects of exercise and current concepts in adult fitness. Camaione DN, et al. **Conn Med** 1981 Oct;45(10):620–5

[Important activities for a healthy life style in the adult population] Novák Z. **Cesk Zdrav** 1981 Oct;29(10):416–25 (Eng. Abstr.) **(Cze)**

HEART

Improvement in supine bicycle exercise performance in refractory congestive heart failure after isosorbide dinitrate: radionuclide and hemodynamic evaluation of acute effects. Hecht HS, et al. **Am J Cardiol** 1982 Jan;49(1):133–40

Twitch potentiation by rest in canine ventricular muscle: effects of theophylline. Endoh M, et al. **Am J Physiol** 1981 Oct; 241(4):H583–90

Functional evaluation of coronary collateral development in conscious dogs. Tomoike H, et al. **Am J Physiol** 1981 Oct; 241(4):H519–24

Voltage dependence of digitalis afterpotentials, aftercontractions, and inotropy. Wasserstrom JA, et al. **Am J Physiol** 1981 Oct; 241(4):H646–53

Effects of sodium nitroprusside upon cardiac work, efficiency, and substrate extraction in severe left ventricular failure. Thompson DS, et al. **Br Heart J** 1981 Oct;46(4):394–400

Spirometry and gas exchange in chronic pulmonary thromboembolism. Riedel M, et al. **Bull Eur Physiopathol Respir** 1981;17(2):209–21

Cardiac hypertrophy in response to an isometric training program in the cat. Muntz KH, et al. **Circ Res** 1981 Nov; 49(5):1092–101

An investigation in patients with previous myocardial infarction who present with chest pain. Selwyn AP, et al. **Circulation** 1981 Dec;64(6):1156–62

Single-pass ventricular function studies. Coleman RE, et al. **Clin Nucl Med** 1981 Oct;6(10S):P117–21

Maximizing the information from thallium studies. Logic JR. **Clin Nucl Med** 1981 Oct;6(10S):P110–6

The isopotential plot—a new method for the assessment of ST amplitude changes provoked by an exercise test. Bjurö TI, et al. **Eur Heart J** 1980 Jun;1(3):213–23

Stress thallium-201 myocardial scintigraphy. Review of methodological problems and proposal for standardization. Rigo P, et al. **Eur Heart J** 1980 Feb;1(1):81–7 (58 ref.)

Tritiated water (HTO) and inulin spaces in isolated skeletal and cardiac muscles: influence of contractile activity. Cappelli V, et al. **Experientia** 1981;37(8):849–50

Endurance training in the rat. II. Performance of isolated and intact heart. Fuller EO, et al. **J Appl Physiol** 1981 Oct;51(4):941–7

Effect of exhaustive exercise on myocardial performance. Grimditch GK, et al. **J Appl Physiol** 1981 Nov; 51(5):1098–102

Endurance training in the rat. I. Myocardial mechanics and biochemistry. Nutter DO, et al. **J Appl Physiol** 1981 Oct;

51(4):934–40

Noninvasive assessment of T–wave abnormalities on precordial electrocardiograms in middle–aged professional bicyclists. Nishimura T, et al. **J Electrocardiol** 1981 Oct;14(4):357–64

A comparison of two commonly used stress testing protocols in patients with documented coronary artery disease. Nolewajka AJ, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):138–44

The veteran athlete. An exercise testing electrocardiographic, thorax x–ray and echocardiographic study. Serra Grima JR, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):122–9

Elevated creatine kinase MB isoenzyme levels in marathon runners. Normal myocardial scintigrams suggest noncardiac source. Siegel AJ, et al. **JAMA** 1981 Nov 6;246(18):2049–51

Clinical conferences at The Johns Hopkins Hospital. Presbycardia. Abben R, et al. **Johns Hopkins Med J** 1981 Nov;149(5):203–8

Exercise stress body surface isopotential map in patients with coronary artery disease: comparison with coronary angiographic and stress myocardial perfusion scintigraphic findings. Wada M, et al. **Jpn Circ J** 1981 Oct;45(10):1203–7

Exercise tests after myocardial infarction [editorial] **Lancet** 1981 Oct 10;2(8250):786–8

Cardiac nuclear medicine, part II: diagnosis of coronary artery disease. Polak JF, et al. **Med Instrum** 1981 Jul–Aug; 15(4):245–7

Relationships of pulse transmission times to pre–ejection period and blood pressure. Newlin DB. **Psychophysiology** 1981 May; 18(3):316–21

Single–composite image display of information from tomographic myocardial perfusion studies. Klingensmith WC 3d, et al. **Radiology** 1981 Oct;141(1):242–5

The changes in left ventricular function during multistage bicycle supine exercise testing. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):653–72

[Computerized analysis of the changes in the R wave amplitude during exercise tests of normal subjects and coronary disease patients] Manca C, et al. **Boll Soc Ital Cardiol** 1980; 25(5):495–501 (Eng. Abstr.) **(Ita)**

[Influence of left ventricular volume changes induced by Valsalva maneuver on R wave amplitude (author's transl)] Cuomo S, et al. **G Ital Cardiol** 1981;11(7):903–7 (Eng. Abstr.) **(Ita)**

[Echocardiographic evaluation of myocardial infarct patients undergoing rehabilitation] Pennestri F, et al. **G Ital Cardiol** 1981; 11(7):933–40 (Eng. Abstr.) **(Ita)**

[Acute effects of oral acebutolol on exercise tolerance in patients with stable angina pectoris (author's transl)] Scrutinio D, et al. **G Ital Cardiol** 1981;11(3):364–72 (Eng. Abstr.) **(Ita)**

[Quantitative evaluation of serial 201Tl Myocardial scintigrams after stress testing in ischemic heart disease (author's transl)] Watanabe Y, et al. **Radioisotopes** 1981 May;30(5):268–74 (Eng. Abstr.) **(Jpn)**

[Effect of paired stimulation on the electrical and mechanical activity of myocardial cells in congenital and acquired heart defects] Markhasin VS, et al. **Kardiologiia** 1981 Nov; 21(11):68–72 (Eng. Abstr.) **(Rus)**

[Determination of the myocardial reserve by ergometry] Pomerantsev VP, et al. **Kardiologiia** 1981 Sep;21(9):68–72 (Eng. Abstr.) **(Rus)**

[Seasonal rhythm of cardiac loading tolerance and of immune reactivity in ischemic heart disease] Oranskii IE, et al. **Sov Med** 1981;(7):11–4 (Eng. Abstr.) **(Rus)**

[Changes in the ECG R wave voltage during the bicycle exercise test as one of the criteria for discontinuing exercise] Khelfets ZN. **Ter Arkh** 1981;53(8):49–51 (Eng. Abstr.) **(Rus)**

[Criteria for discontinuing exercise tests in patients with coronary arteriosclerosis and post–infarct cardiosclerosis] Sokolov IuN, et al. **Ter Arkh** 1981;53(8):41–4 (Eng. Abstr.) **(Rus)**

[Changes in myocardial bioelectrical activity in ischemic heart disease as affected by medical gymnastic procedures during combined therapy at a central highlands health resort] Gubanova VI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Sep–Oct; (5):38–41 (Eng. Abstr.) **(Rus)**

[Mechanisms of compensation and adaptation in cardiac hyperfunction] Dziak VN, et al. **Vrach Delo** 1981 Mar; (3):88–92 (Eng. Abstr.) **(Rus)**

HEART ANEURYSM

Single–pass ventricular function studies. Coleman RE, et al. **Clin Nucl Med** 1981 Oct;6(10S):P117–21

HEART ARREST

Cardiac arrest from gas embolism in scuba diving. Cales RH, et al. **Ann Emerg Med** 1981 Nov;10(11):589–92

HEART AUSCULTATION

Coronary artery disease. Rothbaum DA. **Cardiovasc Clin** 1981; 12(1):105–18

HEART BLOCK

Congenital complete heart block in adolescence and adult life. A follow–up study. Esscher EB. **Eur Heart J** 1981 Aug; 2(4):281–8

Exercise testing and ambulatory electrocardiographic monitoring following surgical repair of tetralogy of Fallot. Irving JB, et al. **Eur Heart J** 1980 Apr;1(2):117–21

HEART CATHETERIZATION

Regional coronary angiographic observations during cold stimulation in patient with exertional chest pain: comparison of diameter responses in normal and fixed stenotic vessels. Feldman RL, et al. **Am Heart J** 1981 Nov;102(5):822–30

Relation between high density lipoprotein cholesterol and coronary artery disease in asymptomatic men. Uhl GS, et al. **Am J Cardiol** 1981 Nov;48(5):903–10

Peak left ventricular pressure/volume (Emax) during exercise in control subjects and children with left–sided cardiac disease. Alpert BS, et al. **Cathet Cardiovasc Diagn** 1981;7(2):145–53

Pulmonary blood volume ratio response to exercise; a noninvasive determination of exercise–induced changes in pulmonary capillary wedge pressure. Okada RD, et al. **Circulation** 1982 Jan; 65(1):126–33

Clinical significance of exercise–induced ST changes in patients with prior myocardial infarction: comparison of electrocardiographic and angiographic findings. Fukui S, et al. **Jpn Circ J** 1981 Oct;45(10):1131–7

[Chronic administration of beta blocking agents: left ventricular hemodynamics in myocardial infarctions during exercise (author's transl)] Blümchen G, et al. **Z Kardiol** 1981 Sep;70(9):678–86 (Eng. Abstr.) **(Ger)**

[The exercise test before and after aorto–coronary by–pass (author's transl)] Spinnler MT, et al. **G Ital Cardiol** 1981;11(3):303–9 (Eng. Abstr.) **(Ita)**

HEART CONDUCTION SYSTEM

Combined therapy with verapamil and propranolol in chronic stable angina. Subramanian B, et al. **Am J Cardiol** 1982 Jan; 49(1):125–32

Cardiac hypertrophy in response to an isometric training program in the cat. Muntz KH, et al. **Circ Res** 1981 Nov; 49(5):1092–101

Exercise testing and ambulatory electrocardiographic monitoring following surgical repair of tetralogy of Fallot. Irving JB, et al. **Eur Heart J** 1980 Apr;1(2):117–21

[Study of cardiac rhythm disorders in healthy men] Dembo AG, et al. **Kardiologiia** 1981;21(10):51–5 (Eng. Abstr.) **(Rus)**

HEART DISEASES

Peak left ventricular pressure/volume (Emax) during exercise in control subjects and children with left–sided cardiac disease. Alpert BS, et al. **Cathet Cardiovasc Diagn** 1981;7(2):145–53

Aerobic muscular exercise: applications in clinical medicine for diagnosis and therapy. Scherzer HH. **Conn Med** 1981 Oct; 45(10):628–32

Cardiac rehabilitation: state of the art. Goldmann MA. **Geriatrics** 1981 Nov;36(11):103–12

Clinical conferences at The Johns Hopkins Hospital. Presbycardia. Abben R, et al. **Johns Hopkins Med J** 1981 Nov;149(5):203–8

Preoperative physical training for cardiac patients requiring non–cardiac surgery. Asoh T, et al. **Jpn J Surg** 1981; 11(4):251–5

The treadmill stress test: coaching your cardiac patient along the path to recovery. Janz N, et al. **Nursing (Horsham)** 1981 Dec; 11(12):37–41

The changes in left ventricular function during multistage bicycle supine exercise testing. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):653–72

[Left ventricular performance in chronic hemodialysis patients studied during intense exercise and during a dextran infusion test (author's transl)] Dongradi G, et al. **Nephrologie** 1981; 2(2):73–6 (Eng. Abstr.) **(Fre)**

[Effect of paired stimulation on the electrical and mechanical activity of myocardial cells in congenital and acquired heart defects] Markhasin VS, et al. **Kardiologiia** 1981 Nov; 21(11):68–72 (Eng. Abstr.) **(Rus)**

HEART ENLARGEMENT

Effect of beta–adrenergic receptor blockade on development of training–induced bradycardia in rats. Nylander E. **Acta Physiol Scand** 1981 Aug;112(4):449–54

Catenoidal shape of the interventricular septum in idiopathic hypertrophic subaortic stenosis: two dimensional echocardiographic confirmation. Silverman KJ, et al. **Am J Cardiol** 1982 Jan;49(1):27–32

Effects of experimental volume-overload hypertrophy on myocardial blood flow and cardiac function. Badke FR, et al. **Am J Physiol** 1981 Oct;241(4):H564–70

Cardiac hypertrophy in response to an isometric training program in the cat. Muntz KH, et al. **Circ Res** 1981 Nov; 49(5):1092–101

Myocardial perfusion imaging with thallium-201 to assess left ventricular hypertrophy and regional ischaemia in hypertensive patients. Folmer SC, et al. **Eur J Clin Invest** 1981 Aug; 11(4):291–7

The role of wall stress in the assessment of ventricular function. Mirsky I, et al. **Herz** 1981 Oct;6(5):288–99

[Vectorcardiographic criteria of ventricular hypertrophy in a population of athletes] Chignon JC, et al. **Arch Mal Coeur** 1981 Sep;74(9):1099–105 (Eng. Abstr.) (Fre)

[Early functional evaluation and physical rehabilitation in patients with wide myocardial infarction (author's transl)] Vecchio C, et al. **G Ital Cardiol** 1981;11(4):419–29 (Eng. Abstr.) (Ita)

HEART FAILURE, CONGESTIVE

Improvement in supine bicycle exercise performance in refractory congestive heart failure after isosorbide dinitrate: radionuclide and hemodynamic evaluation of acute effects. Hecht HS, et al. **Am J Cardiol** 1982 Jan;49(1):133–40

Effects of isosorbide dinitrate and hydralazine on regional metabolic responses to arm exercise in patients with heart failure. Wilson JR, et al. **Am J Cardiol** 1981 Nov;48(5):934–8

Effects of sodium nitroprusside upon cardiac work, efficiency, and substrate extraction in severe left ventricular failure. Thompson DS, et al. **Br Heart J** 1981 Oct;46(4):394–400

Association of asynchronous protodiastolic segmental wall motion with impaired left ventricular relaxation. Ludbrook PA, et al. **Circulation** 1981 Dec;64(6):1201–11

Pulmonary blood volume ratio response to exercise; a noninvasive determination of exercise-induced changes in pulmonary capillary wedge pressure. Okada RD, et al. **Circulation** 1982 Jan; 65(1):126–33

[Latent and exertion cardiac insufficiency—an indication for nitrates] Olthoff KH, et al. **Z Gesamte Inn Med** 1981 Sep 15; 36(18):644–9 (Eng. Abstr.) (Ger)

[Plasma catecholamines during maximal exercise in competitive skiers and cardiac patients (author's transl)] Minami M, et al. **Kokyu To Junkan** 1981 Jul;29(7):737–42 (Eng. Abstr.) (Jpn)

[Determination of the myocardial reserve by ergometry] Pomerantsev VP, et al. **Kardiologiia** 1981 Sep;21(9):68–72 (Eng. Abstr.) (Rus)

[Physical training as one of the factors of rehabilitation of patients in the early stages of cardiac insufficiency] Krol VA. **Ter Arkh** 1981;53(8):85–7 (Eng. Abstr.) (Rus)

HEART FUNCTION TESTS

Radiotelemetry of direct blood pressure measurements in the arterial and pulmonary circulation. Bachmann K, et al. **Biotelem Patient Monit** 1981;8(1–2):15–27

Comparison of radiotelemetry of blood pressure and standard exercise tests. Zerzawy R, et al. **Biotelem Patient Monit** 1981; 8(1–2):90–9

Radiotelemetry of direct blood pressure. Zerzawy R, et al. **Biotelem Patient Monit** 1981;8(1–2):7–14

Single-pass ventricular function studies. Coleman RE, et al. **Clin Nucl Med** 1981 Oct;6(10S):P117–21

Congenital complete heart block in adolescence and adult life. A follow-up study. Esscher EB. **Eur Heart J** 1981 Aug; 2(4):281–8

Clinical conferences at The Johns Hopkins Hospital. Presbycardia. Abben R, et al. **Johns Hopkins Med J** 1981 Nov;149(5):203–8

Single-composite image display of information from tomographic myocardial perfusion studies. Klingensmith WC 3d, et al. **Radiology** 1981 Oct;141(1):242–5

Physical fitness—definition and assessment. Keong GC. **Singapore Med J** 1981 Jun;22(3):176–82

The changes in left ventricular function during multistage bicycle supine exercise testing. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):653–72

[A study of maximal oxygen consumption during treadmill exercise in healthy Chinese (author's transl)] Ho BL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):712–7 (Eng. Abstr.) (Chi)

[Orthoclinostatic reaction and functional fitness of the circulatory system in lumberers working with multi-purpose felling machines. Three-day working cycle dependence (author's transl)] Novák J, et al. **Cas Lek Cesk** 1981 Apr 23; 120(16):479–83 (Eng. Abstr.) (Cze)

[Value of dipyridamole test in the diagnosis of ischemic heart disease] Sidorenko BA, et al. **Kardiologiia** 1981;21(10):89–93 (Eng. Abstr.) (Rus)

HEART RATE

Effect of beta-adrenergic receptor blockade on development of training-induced bradycardia in rats. Nylander E. **Acta Physiol Scand** 1981 Aug;112(4):449–54

Blood pressure and heart rate response to static exercise in relation to electromyographic activity and force development. Schibye B, et al. **Acta Physiol Scand** 1981 Sep;113(1):61–6

Combined therapy with verapamil and propranolol in chronic stable angina. Subramanian B, et al. **Am J Cardiol** 1982 Jan; 49(1):125–32

Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Thompson PD, et al. **Am J Cardiol** 1981 Nov;48(5):844–50

Effects of experimental volume-overload hypertrophy on myocardial blood flow and cardiac function. Badke FR, et al. **Am J Physiol** 1981 Oct;241(4):H564–70

Worldwide experience with albuterol (salbutamol). Godfrey S. **Ann Allergy** 1981 Nov;47(5 Pt 2):423–6

Metoprolol administered once daily in the treatment of hypertension. A double-blind crossover comparison between conventional tablets and metoprolol Durules. Asplund J, et al. **Ann Clin Res** 1981;13 Suppl 30:30–6

Continuous recording of intra-arterial blood pressure during graded bicycle ergometry and stair climbing in essential hypertension. Millar-Craig MW, et al. **Biotelem Patient Monit** 1981;8(1–2):33–46

Comparison of radiotelemetry of blood pressure and standard exercise tests. Zerzawy R, et al. **Biotelem Patient Monit** 1981; 8(1–2):90–9

Aortic regurgitation. Detection of left ventricular dysfunction by exercise echocardiography. Paulsen W, et al. **Br Heart J** 1981 Oct;46(4):380–8

Influence of intrinsic sympathomimetic activity of beta-adrenoceptor blockers on the heart rate and blood pressure responses to graded exercise. Jennings G, et al. **Br J Clin Pharmacol** 1981 Sep;12(3):355–62

Observations on the clinical pharmacology and plasma concentrations of diacetolol, the major human metabolite of acebutolol. Ohashi K, et al. **Br J Clin Pharmacol** 1981 Oct; 12(4):561–5

The combination of nifedipine and propranolol in the management of patients with angina pectoris. Tweddel AC, et al. **Br J Clin Pharmacol** 1981 Aug;12(2):229–33

Effect of oral propranolol on the anerobic threshold and maximum exercise performance in normal man. Hughson RL, et al. **Can J Physiol Pharmacol** 1981 Jun;59(6):567–73

Estimation of maximum left ventricular inotropic response from changes in isovolumic indices of contractility in the dog. Broughton A, et al. **Cardiovasc Res** 1981 Jul;15(7):382–9

Effect of platelet suppressant treatment with dipyridamole and aspirin on exercise performance and platelet survival time in coronary disease. Steele P, et al. **Chest** 1981 Nov; 80(5):557–61

beta-Adrenergic blockade with pindolol (LB-46) in mild to moderate asthma. Sue DY, et al. **Chest** 1981 Nov; 80(5):537–42

Changes in heart rate and electrocardiogram during taijiquan exercise: analysis by telemetry in 100 subjects. Gong LS, et al. **Chin Med J [Engl]** 1981 Sep;94(9):589–92

Autonomic regulation of cardiovascular function in neonates. Gootman PM, et al. **Ciba Found Symp** 1980 Oct;(83):70–93

Cardiovascular responses to exercise in middle-aged men after 10 days of bedrest. Convertino V, et al. **Circulation** 1982 Jan; 65(1):134–40

Effects of 12 months of intense exercise training on ischemic ST-segment depression in patients with coronary artery disease. Ehsani AA, et al. **Circulation** 1981 Dec;64(6):1116–24

The pathophysiology of angina pectoris and the effect of lidoflazine. Gobel FL, et al. **Circulation** 1982 Jan; 65(1 Pt 2):127–32 (49 ref.)

Arterial dilators in mitral regurgitation: effects on rest and exercise hemodynamics and long-term clinical follow-up. Greenberg BH, et al. **Circulation** 1982 Jan;65(1):181–7

The effect of age on heart rate in subjects free of heart disease. Studies by ambulatory electrocardiography and maximal exercise stress test. Kostis JB, et al. **Circulation** 1982 Jan;65(1):141–5

Verapamil versus placebo in relieving stable angina pectoris. Pine MB, et al. **Circulation** 1982 Jan;65(1):17–22

Demonstration of training effect during chronic beta-adrenergic blockade in patients with coronary artery disease. Pratt CM, et al. **Circulation** 1981 Dec;64(6):1125–9

Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Rainwater J, et al. **Circulation** 1982 Jan;65(1):77–81

Effects of molsidomine on global and regional left ventricular function at rest and during exercise in patients with angina pectoris. Nechwatal W, et al. **Clin Cardiol** 1981 Sep–Oct; 4(5):248–53

PHYSICAL FITNESS/SPORTS MEDICINE

HEART RATE

Effect of coffee ingestion on the left ventricular systolic time intervals at rest, during physical effort and the recovery period. Markiewicz K, et al. **Cor Vasa** 1981;23(4):280-90

Cardiopulmonary resuscitation: physical stress on the rescuer. Lonergan JH, et al. **Crit Care Med** 1981 Nov;9(11):793-5

Congenital complete heart block in adolescence and adult life. A follow-up study. Esscher EB. **Eur Heart J** 1981 Aug; 2(4):281-8

Way of life as a determinant of physical fitness. Epstein Y, et al. **Eur J Applied Physiol** 1981;47(1):1-5

Effects of repeated fatiguing rhythmical hand work. Kobryn U, et al. **Eur J Applied Physiol** 1981;47(3):271-9

The effect of deep muscle temperature on the cardiovascular responses of man to static effort. Petrofsky JS, et al. **Eur J Applied Physiol** 1981;47(1):7-16

Specificity of the anaerobic threshold in endurance trained cyclists and runners. Withers RT, et al. **Eur J Applied Physiol** 1981; 47(1):93-104

Relative activities of atenolol and metoprolol on the cardiovascular system of man. Harry JD, et al. **Eur J Clin Pharmacol** 1981; 20(1):9-15

Circulatory effects of sublingual and oral sustained-release nitroglycerin in healthy young men. Nyberg G, et al. **Eur J Clin Pharmacol** 1981 Mar;19(4):245-9

Sympathetic nervous system response to graded exercise: effect of beta-blockade. Barontini MB, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-155-9

Antiadrenergic therapy: special aspects in hypertension in the elderly. Messerli FH, et al. **Hypertension** 1981 Nov-Dec; 3(6 Pt 2):II-226-9

Anxiety, anger, and neurogenic tone at rest and in stress in patients with primary hypertension. Sullivan P, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-119-23

Exercise performance and adaptive modifications in the thermoregulatory system. Brück K, et al. **Int J Biometeorol** 1980 Dec;24 Suppl 2:42-53

Comparison of antihypertensive activity of atenolol and methyldopa at rest and during exercise. Magnani B, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Oct;19(10):440-4

Cardiovascular responses to exercise following adolescent hypertensive pregnancy. Cottrill CM, et al. **J Adolesc Health Care** 1981 Dec;1(2):91-5

Effect of exhaustive exercise on myocardial performance. Grimditch GK, et al. **J Appl Physiol** 1981 Nov; 51(5):1098-102

Carbohydrate ingestion before exercise: comparison of glucose, fructose, and sweet placebo. Koivisto VA, et al. **J Appl Physiol** 1981 Oct;51(4):783-7

Left ventricular function in marathon runners: echocardiographic assessment. Paulsen W, et al. **J Appl Physiol** 1981 Oct; 51(4):881-6

Plasma norepinephrine response to exercise before and after training in humans. Péronnet F, et al. **J Appl Physiol** 1981 Oct; 51(4):812-5

Effect of beta-adrenergic blockade on respiratory and metabolic responses to exercise. Twentyman OP, et al. **J Appl Physiol** 1981 Oct;51(4):788-93

Autonomic mechanisms of training bradycardia: beta-adrenergic receptors in humans. Williams RS, et al. **J Appl Physiol** 1981 Nov;51(5):1232-7

Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. Araki T, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):69-80

Prediction of maximal oxygen intake over a wide range of air temperature conditions. Sato M, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):81-9

Characteristics of well-trained athletes in prolonged exercise from the viewpoint of aerobic power. Shibayama H, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):55-68

Effects of toeclip use on metabolic and cardiopulmonary responses to bicycle ergometer exercise. Wilde SW, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):47-54

Swimming and physical fitness during pregnancy. Sibley L, et al. **J Nurse Midwife** 1981 Nov-Dec;26(6):3-12

Elevation of hemoglobin and work tolerance in iron-deficient subjects. Edgerton VR, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981; 27(2):77-86

Work capacity after iron treatment as a function of hemoglobin and iron deficiency. Ohira Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(2):87-96

Effect of training on blood pressure and heart rate measured continuously during exercise. Man-I M, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):97-112

The effects of competitive road-racing on the body composition, pulmonary function, and cardiovascular system of sport cyclists. Perez HR. **J Sports Med Phys Fitness** 1981 Jun;21(2):165-72

Transient changes in ventilation and cardiac output at the start and end of exercise. Miyamoto Y, et al. **Jpn J Physiol** 1981; 31(2):153-68

In-hospital exercise after myocardial infarction [letter] **N Engl J Med** 1981 Dec 24;305(26):1592-3

Effect of physical training on exercise performance of children following surgical repair of congenital heart disease. Goldberg B, et al. **Pediatrics** 1981 Nov;68(5):691-9

Physiological and psychological characteristics associated with women's participation in intercollegiate athletics. Renfrow NE, et al. **Percept Mot Skills** 1981 Aug;53(1):90

Heart rate discrimination before and after exercise-induced augmented cardiac activity. Jones GE, et al. **Psychophysiology** 1981 May;18(3):252-7

Gas exchange during bicycle exercises preceded or not by loadless pedalling in female and male subjects. Maillard D, et al. **Respir Physiol** 1981 Aug;45(2):201-16

Human adipose tissue blood flow during prolonged exercise, III. Effect of beta-adrenergic blockade, nicotinic acid and glucose infusion. Bülow J. **Scand J Clin Lab Invest** 1981 Jun; 41(4):415-24

Effects of exercise on urinary excretion of albumin and beta 2-microglobulin in young patients with mild essential hypertension without treatment and during long-term propranolol treatment. Pedersen EB, et al. **Scand J Clin Lab Invest** 1981 Sep;41(5):493-8

Reduced sympathetic nervous system responsivity associated with the relaxation response. Hoffman JW, et al. **Science** 1982 Jan 8;215(4529):190-2

Effects of digoxin on exercise performance in normal subjects. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jan;80(1):78-92

The changes in left ventricular function during multistage bicycle supine exercise testing. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):653-72

Use of exercise tests in assessment of the functional result of aortocoronary bypass surgery. Luksic IY, et al. **Thorax** 1981 Jun; 36(6):428-34

[A study of maximal oxygen consumption during treadmill exercise in healthy Chinese (author's transl)] Ho BL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):712-7 (Eng. Abstr.) (Chi)

[Exercise tolerance and working capacity of the left ventricle after pharmacologic disruption of atrial fibrillation and restoration of sinus rhythm] Zikmund M, et al. **Vnitr Lek** 1981 Oct; 27(10):970-5 (Eng. Abstr.) (Cze)

[A non-invasive clinical-pharmacological method for measuring the beta-adrenolytic activity (author's transl)] Bruhn R, et al. **Arzneimittelforsch** 1981;31(8):1299-302 (Eng. Abstr.) (Ger)

[Effect of bunitrolol on heart rate, metabolic parameters during physical exercise, and performance] Keul J, et al. **Arzneimittelforsch** 1981;31(11):1948-53 (Eng. Abstr.) (Ger)

[Methodical experiences for registration of parameters under ergometric loads of children and young people (author's transl)] Brauer BM. **Arztl Jugendkd** 1981;72(5):289-91 (Eng. Abstr.) (Ger)

[The heart rate decreasing activity of the beta-blocker propranolol in various types of tachycardia in conscious dogs (author's transl)] Lehmann HD. **DTW** 1981 Jun 5;88(6):239-41 (Eng. Abstr.) (Ger)

[The influence of graduated treadmill exercise on plasma catecholamines, aerobic and anaerobic capacity in boys and adults] Lehmann M, et al. **Eur J Applied Physiol** 1981; 47(3):301-11 (Eng. Abstr.) (Ger)

[Reduction of catecholamine liberation by drugs. Therapeutic alternative to beta sympathicolysis in coronary disease?] Lönne E, et al. **Fortschr Med** 1981 Oct 15;99(39):1616-20 (Eng. Abstr.) (Ger)

[Studies on differences in the preventive effects of habitual physical activity in occupation versus leisure time. II. Effects of physical activity in occupation versus leisure time on physical working capacity (author's transl)] Ilmarinen J, et al. **Int Arch Occup Environ Health** 1981;49(1):1-12 (Eng. Abstr.) (Ger)

[Plasma catecholamines, metabolic substrates, aerobic and anaerobic capacity during exercise in supine and sitting position (author's transl)] Lehmann M, et al. **Klin Wochenschr** 1981 Nov 16;59(22):1237-42 (Eng. Abstr.) (Ger)

[Cardiac ischemia on exercise. Effect of nifedipine and acebutolol singly and in combination (author's transl)] Strasser R, et al. **MMW** 1981 Aug 28;123(35):1303-6 (Eng. Abstr.) (Ger)

[Right and left ventricular function during exercise-induced angina pectoris in patients with coronary artery disease (author's transl)] Karsch KR, et al. **Z Kardiol** 1981 Dec;70(12):902-7 (Eng. Abstr.) (Ger)

[Energy metabolism and heart rate in members of mine rescue brigades] Bründel KH, et al. **Zentralbl Arbeitsmed Arbeitsschutz Prophyl Ergonomie** 1981 Mar; 31(3):106-13 (Eng. Abstr.) (Ger)

[Risks of physiotherapeutical intervention in pre-clinical geriatrics (author's transl)] Lang E. **ZFA (Dresden)** 1981;36(2):117-24 (Eng. Abstr.) (Ger)

[Adaptation to chronic hypoxia at various altitudes] Baroni P. **Minerva Med** 1981 Oct 6;72(38):2549-56 (Eng. Abstr.) (Ita)

[Work of breathing during high altitude exercise] Maculotti L.

Minerva Med 1981 Oct 6;72(38):2557–64 (Eng. Abstr.) **(Ita)**

[Exercise training of patients with ischemic heart disease: preliminary study on their trainabilities (author's transl)] Doba N, et al. **Kokyu To Junkan** 1981 Jun;29(6):659–65 (Eng. Abstr.) **(Jpn)**

[Effects of TV–game and healthy endurance running on biological functions (author's transl)] An'ei T. **Nippon Eiseigaku Zasshi** 1981 Feb;35(6):858–63 (Eng. Abstr.) **(Jpn)**

[Effect of the type of work on the correlation between the subjective and objective evaluation of the workload] Makowiec–Dąbrowska T, et al. **Med Pr** 1981;32(3):165–72 (Eng. Abstr.) **(Pol)**

[Cybernetic analysis of the heart rhythm in the measured physical loading test with crew members of the Saliut–6 orbital station] Baevskiĭ RM, et al. **Kardiologiia** 1981 Nov;21(11):100–4 (Eng. Abstr.) **(Rus)**

[Rhythmographic study of the frequency dependence of extrasystole in ischemic heart disease] Ianushkevichus ZI, et al. **Kardiologiia** 1981;21(10):43–6 (Eng. Abstr.) **(Rus)**

[Determination of the myocardial reserve by ergometry] Pomerantsev VP, et al. **Kardiologiia** 1981 Sep;21(9):68–72 (Eng. Abstr.) **(Rus)**

[Results of a hemodynamic and cardiac cycle phase structure study in a functional test with measured physical load on a 140–day flight in the Saliut–6 station] Egorov AD, et al. **Kosm Biol Aviakosm Med** 1981;15(3):18–22 (Eng. Abstr.) **(Rus)**

[Methodology of exercise tests in the 1st month of acute myocardial infarct] Aros LF, et al. **Rev Esp Cardiol** 1981;34(2):127–32 (Eng. Abstr.) **(Spa)**

HEART VENTRICLE

Evidence of impaired myocardial perfusion and abnormal left ventricular function during exercise in patients with isolated systolic narrowing of the left anterior descending coronary artery. Ahmad M, et al. **Am J Cardiol** 1981 Nov;48(5):832–6

Twitch potentiation by rest in canine ventricular muscle: effects of theophylline. Endoh M, et al. **Am J Physiol** 1981 Oct; 241(4):H583–90

Exercise first–pass radionuclide ventriculography in detection of coronary artery disease [letter] Marx P, et al. **Br Heart J** 1981 Oct;46(4):461–3

Aortic regurgitation. Detection of left ventricular dysfunction by exercise echocardiography. Paulsen W, et al. **Br Heart J** 1981 Oct;46(4):380–8

Estimation of maximum left ventricular inotropic response from changes in isovolumic indices of contractility in the dog. Broughton A, et al. **Cardiovasc Res** 1981 Jul;15(7):382–9

Enhanced noradrenaline response in cardiomyopathic hamsters: possible relation to changes in adrenoceptors studied by radioligand binding. Karliner JS, et al. **Cardiovasc Res** 1981 May; 15(5):296–304

Peak left ventricular pressure/volume (Emax) during exercise in control subjects and children with left–sided cardiac disease. Alpert BS, et al. **Cathet Cardiovasc Diagn** 1981;7(2):145–53

Clinical significance and characteristics of exercise–induced ventricular tachycardia. Codini MA, et al. **Cathet Cardiovasc Diagn** 1981;7(3):227–34

Cardiac hypertrophy in response to an isometric training program in the cat. Muntz KH, et al. **Circ Res** 1981 Nov; 49(5):1092–101

Effects of 12 months of intense exercise training on ischemic ST–segment depression in patients with coronary artery disease. Ehsani AA, et al. **Circulation** 1981 Dec;64(6):1116–24

Association of asynchronous protodiastolic segmental wall motion with impaired left ventricular relaxation. Ludbrook PA, et al. **Circulation** 1981 Dec;64(6):1201–11

An investigation in patients with previous myocardial infarction who present with chest pain. Selwyn AP, et al. **Circulation** 1981 Dec;64(6):1156–62

Effects of molsidomine on global and regional left ventricular function at rest and during exercise in patients with angina pectoris. Nechwatal W, et al. **Clin Cardiol** 1981 Sep–Oct; 4(5):248–53

Single–pass ventricular function studies. Coleman RE, et al. **Clin Nucl Med** 1981 Oct;6(10S):P117–21

Exercise testing and ambulatory electrocardiographic monitoring following surgical repair of tetralogy of Fallot. Irving JB, et al. **Eur Heart J** 1980 Apr;1(2):117–21

Significance and reproducibility of exercise–related idiopathic ventricular arrhythmias. Sonnhag C, et al. **Eur Heart J** 1980 Jun; 1(3):183–93

The role of wall stress in the assessment of ventricular function. Mirsky I, et al. **Herz** 1981 Oct;6(5):288–99

Myocardial and ventricular function. Part I: Isolated muscle. Strobeck JE, et al. **Herz** 1981 Oct;6(5):261–74

Myocardial and ventricular function. Part II: Intact heart. Strobeck JE, et al. **Herz** 1981 Oct;6(5):275–87

Endurance training in the rat. II. Performance of isolated and intact heart. Fuller EO, et al. **J Appl Physiol** 1981 Oct;51(4):941–7

Left ventricular function in marathon runners: echocardiographic assessment. Paulsen W, et al. **J Appl Physiol** 1981 Oct; 51(4):881–6

Left ventricular ejection fraction and its response to therapy in essential hypertension. Blaufox MD, et al. **Nephron** 1981; 28(3):112–7

Exercise testing and ancillary techniques to screen for coronary heart disease. Froelicher VF, et al. **Prog Cardiovasc Dis** 1981 Nov–Dec;24(3):261–74 (57 ref.)

The changes in left ventricular function during multistage bicycle supine exercise testing. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):653–72

[Vectorcardiographic criteria of ventricular hypertrophy in a population of athletes] Chignon JC, et al. **Arch Mal Coeur** 1981 Sep;74(9):1099–105 (Eng. Abstr.) **(Fre)**

[Ventricular and myocardial function of the pressure–overloaded left ventricle during exercise (author's transl)] Jehle J, et al. **Herz** 1981 Oct;6(5):300–9 (Eng. Abstr.) **(Ger)**

[The left ventricular function in bicycle ergometric stress before and after aortocoronary bypass surgery] Hirzel HO, et al. **Schweiz Med Wochenschr** 1981 Nov 7;111(45):1718–21 (Eng. Abstr.) **(Ger)**

[Chronic administration of beta blocking agents: left ventricular hemodynamics in myocardial infarctions during exercise (author's transl)] Blümchen G, et al. **Z Kardiol** 1981 Sep;70(9):678–86 (Eng. Abstr.) **(Ger)**

[Right and left ventricular function during exercise–induced angina pectoris in patients with coronary artery disease (author's transl)] Karsch KR, et al. **Z Kardiol** 1981 Dec;70(12):902–7 (Eng. Abstr.) **(Ger)**

[Influence of left ventricular volume changes induced by Valsalva maneuver on R wave amplitude (author's transl)] Cuomo S, et al. **G Ital Cardiol** 1981;11(7):903–7 (Eng. Abstr.) **(Ita)**

HEAT

The energy expenditure of female carpet weavers and rural women in Iran. Geissler CA, et al. **Am J Clin Nutr** 1981 Dec; 34(12):2776–83

Stabilization of isometric DNA viruses against thermoinactivation by lowered ionic strength. Wigand R, et al. **Arch Virol** 1981; 69(1):61–9

Thermal stability, mechanical properties and reducible cross–links of rat tail tendon in experimental diabetes. Andreassen TT, et al. **Biochim Biophys Acta** 1981 Oct 12;677(2):313–7

Capillary column gas chromatographic mass spectrometric analysis of anabolic steroid residues using splitless injections made at elevated temperatures. Houghton E, et al. **Biomed Mass Spectrom** 1981 Aug;8(8):358–61

Exercise–induced anaphylaxis as a manifestation of cholinergic urticaria. Kaplan AP, et al. **J Allergy Clin Immunol** 1981 Oct; 68(4):319–24

Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. Araki T, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):69–80

Clinical study of paramyotonia congenita with and without myotonia in a warm environment. Haass A, et al. **Muscle Nerve** 1981 Sep–Oct;4(5):388–95

[Study of variations in the regional blood volume in the limbs under effort or thermal stress in arterial conditions (author's transl)] Ancri D, et al. **J Mal Vasc** 1981;6(1):61–5 (Eng. Abstr.) **(Fre)**

[Thermal and climatic indications in sports medicine] Rotondo G. **Riv Med Aeronaut Spaz** 1980 Jul–Dec;43(3–4):199–211 (Eng. Abstr.) **(Ita)**

HEAT EXHAUSTION

Canadian Association of Sports Sciences position paper on protection from exertional heat injuries. June, 1981. **Can J Appl Sport Sci** 1981 Sep;6(3):99–100

HEMOGLOBINS

Myocardial oxygen extraction and oxygen–hemoglobin equilibrium curve during moderate exercise. Richalet JP, et al. **Eur J Applied Physiol** 1981;47(1):27–39

Age as a factor affecting erythrocyte osmotic fragility in males. Bowdler AJ, et al. **Gerontology** 1981;27(4):224–31

Elevation of hemoglobin and work tolerance in iron–deficient subjects. Edgerton VR, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981; 27(2):77–86

Work capacity after iron treatment as a function of hemoglobin and iron deficiency. Ohira Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(2):87–96

Serum ferritin in young men during prolonged heavy physical exercise. Vidnes A, et al. **Scand J Haematol** 1981 Sep; 27(3):165–70

[Adaptation to chronic hypoxia at various altitudes] Baroni P. **Minerva Med** 1981 Oct 6;72(38):2549–56 (Eng. Abstr.) **(Ita)**

PHYSICAL FITNESS/SPORTS MEDICINE

HIP

Function after removal of various hip and thigh muscles for extirpation of tumors. Markhede G, et al. **Acta Orthop Scand** 1981 Aug;52(4):373-95

HIP JOINT

Function after removal of various hip and thigh muscles for extirpation of tumors. Markhede G, et al. **Acta Orthop Scand** 1981 Aug;52(4):373-95

On the forces exerted on the hip during gait. Maquet P, et al. **Arch Orthop Trauma Surg** 1981;99(1):53-8

Radiological skeletal survey for aseptic necrosis of bone in divers and compressed air workers. Notes prepared by the Medical Research Council Decompression Sickness Panel. **Radiography** 1981 Jun;47(558):141-3

[Post-traumatic myositis ossificans] Altieri E, et al. **Chir Organi Mov** 1981 May-Jun;66(3):415-20 (Eng. Abstr.) **(Ita)**

[Biomechanics of the hip joint] Sotirow B. **Chir Narzadow Ruchu Ortop Pol** 1981;46(2):143-6 (Eng. Abstr.) **(Pol)**

HOCKEY

Eye injuries in hockey. Pashby TH. **Int Ophthalmol Clin** 1981 Winter;21(4):59-86

HYPERBARIC OXYGENATION

Cardiac arrest from gas embolism in scuba diving. Cales RH, et al. **Ann Emerg Med** 1981 Nov;10(11):589-92

Decompression sickness: a medical emergency. Pelosi G, et al. **Resuscitation** 1981 Sep;9(3):201-9

HYPEREMIA

Blood flow response of human calf muscles to static contractions at various percentages of MVC. Richardson D. **J Appl Physiol** 1981 Oct;51(4):929-33

Arterial pressure, cardiac output and exercise hyperemia in chemically sympathectomized rats. Rodionov IM, et al. **Pflugers Arch** 1981 Oct;391(4):324-6

HYPERTENSION

Metoprolol administered once daily in the treatment of hypertension. A double-blind crossover comparison between conventional tablets and metoprolol Durules. Asplund J, et al. **Ann Clin Res** 1981;13 Suppl 30:30-6

Continuous recording of intra-arterial blood pressure during graded bicycle ergometry and stair climbing in essential hypertension. Millar-Craig MW, et al. **Biotelem Patient Monit** 1981;8(1-2):33-46

Clinical relevance of ambulatory blood pressure measurements. Perloff D, et al. **Biotelem Patient Monit** 1981;8(1-2):67-80

Secondary prevention in myocardial infarction survivors. **Circulation** 1982 Jan;65(1):216A-219A

The 24-hour ambulatory blood pressure profile with verapamil. Gould BA, et al. **Circulation** 1982 Jan;65(1):22-7

The relationship of cardiac output and arterial pressure control. Guyton AC. **Circulation** 1981 Dec;64(6):1079-88 (34 ref.)

Intralymphocytic sodium concentration: a sensitive index to identify young subjects at risk of hypertension. Ambrosioni E, et al. **Clin Exp Hypertens** 1981;3(4):675-91

Physical fitness in children: implications for the prevention of coronary artery disease. Rowland TW. **Curr Probl Pediatr** 1981 Jul;11(9):1-54 (184 ref.)

Myocardial perfusion imaging with thallium-201 to assess left ventricular hypertrophy and regional ischaemia in hypertensive patients. Folmer SC, et al. **Eur J Clin Invest** 1981 Aug; 11(4):291-7

Effects of captopril on vascular reactivity of SHR in vivo and in vitro. Antonaccio MJ, et al. **Hypertension** 1981 Nov-Dec; 3(6 Pt 2):II-211-5

Sympathetic nervous system response to graded exercise: effect of beta-blockade. Barontini MB, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-155-9

Basis for the altered arterial wall mechanics in the spontaneously hypertensive rat. Cox RH. **Hypertension** 1981 Jul-Aug; 3(4):485-95

Antiadrenergic therapy: special aspects in hypertension in the elderly. Messerli FH, et al. **Hypertension** 1981 Nov-Dec; 3(6 Pt 2):II-226-9

Anxiety, anger, and neurogenic tone at rest and in stress in patients with primary hypertension. Sullivan P, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-119-23

Secondary prevention in myocardial infarction survivors. **Ir Med J** 1981 Sep;74(9):245-7

Cardiovascular responses to exercise following adolescent hypertensive pregnancy. Cottrill CM, et al. **J Adolesc Health Care** 1981 Dec;1(2):91-5

Preventing atherosclerosis through exercise and control of blood coagulation. McClelland J, et al. **J Med Assoc Ga** 1981 Sep; 70(9):679-82

Left ventricular ejection fraction and its response to therapy in essential hypertension. Blaufox MD, et al. **Nephron** 1981; 28(3):112-7

The covariation of blood pressure and pulse transit time in hypertensive patients. Allen RA, et al. **Psychophysiology** 1981 May;18(3):301-6

Effects of exercise on urinary excretion of albumin and beta 2-microglobulin in young patients with mild essential hypertension without treatment and during long-term propranolol treatment. Pedersen EB, et al. **Scand J Clin Lab Invest** 1981 Sep;41(5):493-8

[Control of hypertension and blood lactate during exercise. Comparison of central antihypertensive agents with the cardio-selective beta blockers metoprolol and atenolol] Hardin JM, et al. **Arch Mal Coeur** 1981 Jun;74 Spec No:117-24 (Eng. Abstr.) **(Fre)**

[Blood pressure measurement at rest and activity blood pressure load (author's transl)] Mallion JM, et al. **Nouv Presse Med** 1981 Oct 3;10(35):2877-9 (Eng. Abstr.) **(Fre)**

[Latent and exertion cardiac insufficiency—an indication for nitrates] Olthoff KH, et al. **Z Gesamte Inn Med** 1981 Sep 15; 36(18):644-9 (Eng. Abstr.) **(Ger)**

[On the significance of combined kinesitherapy for the rehabilitation of ageing people with essential hypertension (author's transl)] Winterfeld HS, et al. **ZFA (Dresden)** 1981; 36(2):129-31 (Eng. Abstr.) **(Ger)**

[Pathological behavior of arterial pressure during the exercise test] Bondi S, et al. **Boll Soc Ital Cardiol** 1980;25(3):263-70 (Eng. Abstr.) **(Ita)**

[The syndrome of hypertension of effort in the rehabilitation of patients with recent myocardial infarct. Problems of drug therapy] Opasich C, et al. **Boll Soc Ital Cardiol** 1980; 25(5):459-66 (Eng. Abstr.) **(Ita)**

[Determination of the myocardial reserve by ergometry] Pomerantsev VP, et al. **Kardiologiia** 1981 Sep;21(9):68-72 (Eng. Abstr.) **(Rus)**

[Clinicoepidemiological analysis of ECG ischemic reactions to physical loading in men] Lipovetskiĭ BM, et al. **Sov Med** 1981; (4):10-3 (Eng. Abstr.) **(Rus)**

[Role of the exercise test in patients with arrhythmias] Cikoš J, et al. **Med Pregl** 1981;34(5-6):225-9 (Eng. Abstr.) **(Ser)**

IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS

Catenoidal shape of the interventricular septum in idiopathic hypertrophic subaortic stenosis: two dimensional echocardiographic confirmation. Silverman KJ, et al. **Am J Cardiol** 1982 Jan;49(1):27-32

[Ventricular and myocardial function of the pressure-overloaded left ventricle during exercise (author's transl)] Jehle J, et al. **Herz** 1981 Oct;6(5):300-9 (Eng. Abstr.) **(Ger)**

INTERMITTENT CLAUDICATION

[Treatment of intermittent claudication by physical training. Techniques and place of reeducation (author's transl)] Franco A, et al. **J Mal Vasc** 1981;6(1):6-7 (Eng. Abstr.) **(Fre)**

[Evaluation of disordered peripheral hemodynamics after ergometric load] Schöneich C, et al. **Z Gesamte Inn Med** 1981 Oct 1;36(19):724-7 (Eng. Abstr.) **(Ger)**

INTERVERTEBRAL DISK

Pseudovacuum of the cervical intervertebral disc: a normal variant. Daffner RH, et al. **AJR** 1981 Oct;137(4):737-9

ISCHEMIA

Blood flow in 'red' and "white' calf muscles in cats during isometric and isotonic exercise. Bonde-Petersen F, et al. **Acta Physiol Scand** 1981 Jul;112(3):243-51

Open tibia fracture with compartment syndrome. DeLee JCU, et al. **Clin Orthop** 1981;(160):175-84

Increased ammonia production during forearm ischemic work test in McArdle's disease. Rumpf KW, et al. **Klin Wochenschr** 1981 Dec 1;59(23):1319-20

[Experience with the long-term rehabilitation of patients with ischaemic disease of the lower extremities (author's transl)] Puchmayer V, et al. **Sb Lek** 1981 Oct;83(10):277-85 (Eng. Abstr.) **(Cze)**

ISCHIUM

[Avulsion fracture of the ischial tuberosity (author's transl)] Matějovsky Z, et al. **Acta Chir Orthop Traumatol Cech** 1981 Aug; 48(4):333-6 (Eng. Abstr.) (Cze)

JAW

Craniomandibular orthopedics and athletic performance in the long distance runner: a three year study. Garabee WF Jr. **Basal Facts** 1981 Summer;4(3):77-81

The effect of acoustic masking on the silent period in the Masseter electromyogram in man during sustained isometric contraction. van Steenberghe D, et al. **Electromyogr Clin Neurophysiol** 1981 Nov-Dec;21(7):611-25

JOGGING

The effect of different treadmill speeds on the variability of VO2 max in children. Paterson DH, et al. **Eur J Applied Physiol** 1981; 47(2):113-22

Blood and sports [editorial] **Lancet** 1981 Oct 17;2(8251):847-8

Jogging and suppression of ovulation [letter] O'Herlihy C. **N Engl J Med** 1982 Jan 7;306(1):50-1

When motor vehicles hit joggers: an analysis of 60 cases. Williams AF. **Public Health Rep** 1981 Sep-Oct;96(5):448-51

[Effects of TV-game and healthy endurance running on biological functions (author's transl)] An'ei T. **Nippon Eiseigaku Zasshi** 1981 Feb;35(6):858-63 (Eng. Abstr.) (Jpn)

JOINTS

Physical fitness—definition and assessment. Keong GC. **Singapore Med J** 1981 Jun;22(3):176-82

[Clinical study of the anti-inflammatory and analgesic action of methoxy-naphthyl-propionic acid in articular and periarticular injuries caused by sports] Rugginenti A, et al. **Clin Ter** 1981 Mar 15;96(5):503-14 (Eng. Abstr.) (Ita)

KNEE

Simplified technique for posterior knee arthroscopy. Lewicky RT, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):22-3

Patellar pain and quadriceps rehabilitation. An EMG study. Wild JJ Jr, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):12-5

Management of patellar malalignment. Kettelkamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344-8 (45 ref.)

Use and misuse of the tape-measure as a means of assessing muscle strength and power. Cooper H, et al. **Rheumatol Rehabil** 1981 Nov;20(4):211-8

KNEE INJURIES

Lucent articular lesion in the lateral femoral condyle: source of patellar femoral pain in the athletic adolescent. Cayea PD, et al. **AJR** 1981 Dec;137(6):1145-9

Weight training-related injuries in the high school athlete. Brady TA, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):1-5

A chronicle of injuries of an American intercollegiate football team. Canale ST, et al. **Am J Sports Med** 1981 Nov-Dec; 9(6):384-9

Medial collateral ligament injuries in football. Nonoperative management of grade I and grade II sprains. Derscheid GL, et al. **Am J Sports Med** 1981 Nov-Dec;9(6):365-8

The injury rate in professional basketball. Henry JH, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):16-8

Meniscal ossicle. A case report. Mariani PP, et al. **Am J Sports Med** 1981 Nov-Dec;9(6):392-3

Reconstruction of traumatic complete loss of the medial collateral ligament: a case report. Grana WA, et al. **Clin Orthop** 1981; (160):153-7

Arthroscopic knee surgery in athletes. Fulkerson JP. **Conn Med** 1981 Oct;45(10):642-3

Management of patellar malalignment. Kettelkamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344-8 (45 ref.)

Use and misuse of the tape-measure as a means of assessing muscle strength and power. Cooper H, et al. **Rheumatol Rehabil** 1981 Nov;20(4):211-8

KNEE JOINT

Function after removal of various hip and thigh muscles for extirpation of tumors. Markhede G, et al. **Acta Orthop Scand** 1981 Aug;52(4):373-95

Running inhibits the reversal of atrophic changes in canine knee cartilage after removal of a leg cast. Palmoski MJ, et al. **Arthritis Rheum** 1981 Nov;24(11):1329-37

Reconstruction of traumatic complete loss of the medial collateral ligament: a case report. Grana WA, et al. **Clin Orthop** 1981; (160):153-7

Etiology of atraumatic medial knee pain. Blake RL, et al. **J Am Podiatry Assoc** 1981 Oct;71(10):580-3

And have you done your exercises? Care GR, et al. **Physiotherapy** 1981 Jun;67(6):180

Radiological skeletal survey for aseptic necrosis of bone in divers and compressed air workers. Notes prepared by the Medical Research Council Decompression Sickness Panel. **Radiography** 1981 Jun;47(558):141-3

[Oscillographic assessment of forces during burdening of the leg by the body weight (author's transl)] Rybka V. **Acta Chir Orthop Traumatol Cech** 1981 Oct;48(5):388-410 (Eng. Abstr.) (Cze)

LEG INJURIES

Meniscal ossicle. A case report. Mariani PP, et al. **Am J Sports Med** 1981 Nov-Dec;9(6):392-3

An epidemiologic study of ski injuries: Vail, Colorado. Jaffin B. **Mt Sinai J Med (NY)** 1981 Jul-Aug;48(4):353-9

LIFE STYLE

Diet, other lifestyle factors and HDL cholesterol in a population of Australian male service recruits. Dwyer T, et al. **Am J Epidemiol** 1981 Nov;114(5):683-96

Freedom from stress: a holistic approach. Nuernberger P. **Nursinglife** 1981 Nov-Dec;1(3):61-8

[Important activities for a healthy life style in the adult population] Novák Z. **Cesk Zdrav** 1981 Oct;29(10):416-25 (Eng. Abstr.) (Cze)

LIGAMENTS, ARTICULAR

Upper extremity injuries in skiing. Carr D, et al. **Am J Sports Med** 1981 Nov-Dec;9(6):378-83

Medial collateral ligament injuries in football. Nonoperative management of grade I and grade II sprains. Derscheid GL, et al. **Am J Sports Med** 1981 Nov-Dec;9(6):365-8

Reconstruction of traumatic complete loss of the medial collateral ligament: a case report. Grana WA, et al. **Clin Orthop** 1981; (160):153-7

Secondary reconstruction of the lateral ligaments of the ankle. Leach RE, et al. **Clin Orthop** 1981;(160):201-11

Management of patellar malalignment. Kettelkamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344-8 (45 ref.)

Stabilizing mechanisms preventing anterior dislocation of the glenohumeral joint. Turkel SJ, et al. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1208-17

[Biomechanics, technique and results of fibular ligamentous grafting at the ankle joint (author's transl)] Wirth CJ, et al. **Aktuel Traumatol** 1981 Oct;11(5):175-8 (Eng. Abstr.) (Ger)

LIPIDS

Effect of exercise on the content of lipids, cholesterol and on the composition of fatty acids in the adrenals of rats receiving rapeseed oil in diet. Kucharczyk B, et al. **Acta Physiol Pol** 1981 May-Jun;32(3):263-76

Biochemical adaptation of mitochondria, muscle, and whole-animal respiration to endurance training. Davies KJ, et al. **Arch Biochem Biophys** 1981 Jul;209(2):539-54

Secondary prevention in myocardial infarction survivors. **Circulation** 1982 Jan;65(1):216A-219A

Physical fitness in children: implications for the prevention of coronary artery disease. Rowland TW. **Curr Probl Pediatr** 1981 Jul;11(9):1-54 (184 ref.)

Physiological and metabolic effects of a 25 km race in female athletes. Haralambie G, et al. **Eur J Applied Physiol** 1981; 47(2):123-31

Biochemical changes in a 100 km run: carbohydrates, lipids, and hormones in serum. Keul J, et al. **Eur J Applied Physiol** 1981; 47(2):181-9

Reduction of coronary atherosclerosis by moderate conditioning exercise in monkeys on an atherogenic diet. Kramsch DM, et al. **N Engl J Med** 1981 Dec 17;305(25):1483-9

Riboflavin-responsive lipid myopathy and carnitine deficiency. Carroll JE, et al. **Neurology (NY)** 1981 Dec;31(12):1557-9

Exercise testing and ancillary techniques to screen for coronary heart disease. Froelicher VF, et al. **Prog Cardiovasc Dis** 1981 Nov-Dec;24(3):261-74 (57 ref.)

Exercise and lipid metabolism. Oscai LB. **Prog Clin Biol Res** 1981; 67:383-90 (65 ref.)

A study of fitness and cardiovascular risk factors in male office workers. Quaal SJ. **West J Nurs Res** 1981 Summer;3(3):9-24

[Sex hormones, physical work and glucose and lipid metabolism (author's transl)] Jussiant P, et al. **Ann Endocrinol (Paris)** 1981 Jul-Sep;42(3):286-7 (Eng. Abstr.) (Fre)

[Influence of starvation and kinesitherapy on blood lipids and their fractions (author's transl)] Jungmann H, et al. **Klin Wochenschr** 1981 Sep 15;59(18):1061-4 (Eng. Abstr.) (Ger)

PHYSICAL FITNESS/SPORTS MEDICINE

LIPIDS

[Effect of physical training on lipid and lipoprotein metabolism in persons of different ages] Bogush SV, et al. **Vrach Delo** 1981 Sep;(9):51–3 (Eng. Abstr.) **(Rus)**

LOCOMOTION

Respiration in exercising fowl. II. Respiratory water loss and heat balance. Brackenbury JH, et al. **J Exp Biol** 1981 Aug; 93:327–32

Respiration in exercising fowl. I. Oxygen consumption, respiratory rate and respired gases. Brackenbury JH, et al. **J Exp Biol** 1981 Aug;93:317–25

Effects of serotonin on the generation of the motor program for swimming by the medicinal leech. Willard AL. **J Neurosci** 1981 Sep;1(9):936–44

Modification, by tractive loading, of the energy cost of walking in sheep, cattle and man. Boyne AW, et al. **J Physiol (Lond)** 1981 Jun;315:303–16

Mechanics of competition walking. Cavagna GA, et al. **J Physiol (Lond)** 1981 Jun;315:243–51

[Oscillographic assessment of forces during burdening of the leg by the body weight (author's transl)] Rybka V. **Acta Chir Orthop Traumatol Cech** 1981 Oct;48(5):388–410 (Eng. Abstr.) **(Cze)**

LUMBAR VERTEBRAE

Correction of scoliosis by muscle stimulation: biomechanical analyses. Schultz A, et al. **Spine** 1981 Sep–Oct;6(5):468–76

LUNG VOLUME MEASUREMENTS

Changes in exhaled pulmonary diffusing capacity at rest and exercise in individuals with impaired positional diffusion. McClean PA, et al. **Bull Eur Physiopathol Respir** 1981; 17(2):179–86

Spirometry and gas exchange in chronic pulmonary thromboembolism. Riedel M, et al. **Bull Eur Physiopathol Respir** 1981;17(2):209–21

Smoking, respiratory symptoms and ventilatory capacity in young men. Kujala P. **Eur J Respir Dis [Suppl]** 1981;62(114):1–55

Physical exercise in 'pulmonary fibrosis'. Arita K, et al. **Hiroshima J Med Sci** 1981 Jun;30(2):149–59

Maximal expiratory flow–volume relationships before and after eight weeks of endurance training. Farrell PA. **J Sports Med Phys Fitness** 1981 Jun;21(2):145–9

The effects of competitive road–racing on the body composition, pulmonary function, and cardiovascular system of sport cyclists. Perez HR. **J Sports Med Phys Fitness** 1981 Jun;21(2):165–72

Pulmonary changes during marathon training: a longitudinal study. Kaufmann DA, et al. **Respiration** 1981;41(4):217–23

[Oxygen consumption of the respiratory muscles in increased respiratory resistance] Bühlmann AA, et al. **Schweiz Med Wochenschr** 1981 Nov 14;111(46):1752–6 (Eng. Abstr.) **(Ger)**

MANDIBLE

Mandibular position and upper body strength: a controlled clinical trial. Greenberg MS, et al. **J Am Dent Assoc** 1981 Oct; 103(4):576–9

Photoelastic stress analysis of hemimandibulectomy bone reconstruction devices. Williams BR, et al. **Oral Surg** 1981 Sep; 52(3):339–47

MAXIMAL EXPIRATORY FLOW RATE

Standardization of work intensity for evaluation of exercise–induced bronchoconstriction. Wilson BA, et al. **Eur J Applied Physiol** 1981;47(3):289–94

MAXIMAL EXPIRATORY FLOW–VOLUME CURVES

Maximal expiratory flow–volume relationships before and after eight weeks of endurance training. Farrell PA. **J Sports Med Phys Fitness** 1981 Jun;21(2):145–9

[Site of airway obstruction and drug effect in exercise induced asthma (author's transl)] Horie T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1981 May;19(5):308–16 (Eng. Abstr.) **(Jpn)**

MAXIMAL VOLUNTARY VENTILATION

Standardization of work intensity for evaluation of exercise–induced bronchoconstriction. Wilson BA, et al. **Eur J Applied Physiol** 1981;47(3):289–94

MEPROBAMATE

[Reduction of catecholamine liberation by drugs. Therapeutic alternative to beta sympathicolysis in coronary disease?] Lönne E, et al. **Fortschr Med** 1981 Oct 15;99(39):1616–20 (Eng. Abstr.) **(Ger)**

METACARPUS

[March fracture caused by a motion instrument?] Bjerregaard P, et al. **Ugeskr Laeger** 1981 Jul 6;143(28):1769 (Eng. Abstr.) **(Dan)**

METATARSOPHALANGEAL JOINT

[Traumatic dislocation of the metatarsophalangeal joints (author's transl)] Maar D. **Acta Chir Orthop Traumatol Cech** 1981 Oct; 48(5):466–7 (Eng. Abstr.) **(Slo)**

METATARSUS

Fractures and refractures in intercollegiate athletes. An eleven–year experience. Whiteside JA, et al. **Am J Sports Med** 1981 Nov–Dec; 9(6):369–77

Stress fractures in young athletes. Orava S, et al. **Arch Orthop Trauma Surg** 1981;98(4):271–4

MITRAL VALVE INSUFFICIENCY

Arterial dilators in mitral regurgitation: effects on rest and exercise hemodynamics and long–term clinical follow–up. Greenberg BH, et al. **Circulation** 1982 Jan;65(1):181–7

Pulmonary blood volume ratio response to exercise; a noninvasive determination of exercise–induced changes in pulmonary capillary wedge pressure. Okada RD, et al. **Circulation** 1982 Jan; 65(1):126–33

MOTOR ACTIVITY

Antagonistic effect of sodium ascorbate on ethanol–induced changes in swimming of mice. Busnel RG, et al. **Behav Brain Res** 1980 Aug;1(4):351–6

Association of asynchronous protodiastolic segmental wall motion with impaired left ventricular relaxation. Ludbrook PA, et al. **Circulation** 1981 Dec;64(6):1201–11

The effect totigestational exposure to methyl n–butyl ketone has on postnatal development and behavior. Peters MA, et al. **Ecotoxicol Environ Safety** 1981 Sep;5(3):291–306

Effects of aerobic training on reactive capacity: an animal model. Spirduso WW, et al. **J Gerontol** 1981 Nov;36(6):654–62

Effects of serotonin on the generation of the motor program for swimming by the medicinal leech. Willard AL. **J Neurosci** 1981 Sep;1(9):936–44

Other effects of monoaminergic inhibition with 6–hydroxydopamine and of disulfiram on the response to exercise in rats. Derévenco P, et al. **Physiologie** 1981;18(3):181–5

Reaction time and anticipation time: effects of development. Thomas JR, et al. **Res Q Exerc Sport** 1981 Oct;52(3):359–67

[Motor evaluation of the hemiplegic, using the Albert scale] Zamponi A, et al. **Riv Neurobiol** 1980 Jan–Mar;26(1):34–49 (Eng. Abstr.) **(Ita)**

[Functional state of the hippocampo–reticular complex during submaximal physical loading and fatigue] Boev VM, et al. **Zh Vyssh Nerv Deiat** 1981 Sep–Oct;31(5):1029–37 (Eng. Abstr.) **(Rus)**

MOTOR SKILLS

Kinematic and myoelectric analysis of skill acquisition: II. 150cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):582–9

Kinematic and myoelectric analysis of skill acquisition: I. 90cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):575–82

Environmental constraints on motor abilities used in grooming, swimming, and eating by decorticate rats. Whishaw IQ, et al. **J Comp Physiol Psychol** 1981 Oct;95(5):792–804

Effects of an integrated physical education/music program in changing early childhood perceptual–motor performance. Brown J, et al. **Percept Mot Skills** 1981 Aug;53(1):151–4

Teachers' expectations for handicapped and non–handicapped children in mainstreamed physical education classes. Martinek TJ, et al. **Percept Mot Skills** 1981 Aug;53(1):327–30

Relationship between depth perception and basketball–shooting performance over a competitive season. Isaacs LD. **Perspect Pediatr Pathol** 1981 Oct;53(2):554

MOUNTAINEERING

Acetazolamide in prevention of acute mountain sickness: a double-blind controlled cross-over study. Greene MK, et al. **Br Med J [Clin Res]** 1981 Sep 26;283(6295):811–3

Medical problems of a high altitude Himalayan expedition. Finnegan TP. **J R Army Med Corps** 1981 Oct;127(3):141–7

[Physical training in high altitude] Moret PR, et al. **Schweiz Med Wochenschr** 1981 Nov 7;111(45):1693–6 (Eng. Abstr.) (Fre)

MOUTH PROTECTORS

Craniomandibular orthopedics and athletic performance in the long distance runner: a three year study. Garabee WF Jr. **Basal Facts** 1981 Summer;4(3):77–81

The prevention of orofacial sports injuries in the adolescent. de Wet FA. **Int Dent J** 1981 Dec;31(4):313–9

Mouthguards for rugby players at primary school level. de Wet FA, et al. **Tydskr Tandheelkd Ver S Afr** 1981 Apr; 36(4):249–53

MUSCLE CONTRACTION

Pharmacological studies of the uninhibited neurogenic bladder. I. The influence of repeated filling and various filling rates on the cystometrogram of neurological patients with normal and uninhibited neurogenic bladder. Jensen D Jr. **Acta Neurol Scand** 1981 Sep;64(3):145–74

Electrical activity and force during voluntary contraction of normal and diseased muscle. Fuglsang-Frederiksen A. **Acta Neurol Scand [Suppl]** 1981;63(83):1–60

Function after removal of various hip and thigh muscles for extirpation of tumors. Markhede G, et al. **Acta Orthop Scand** 1981 Aug;52(4):373–95

Characterization of anisotropic elastic properties of the arteries by exponential and polynomial strain energy functions. Hudetz AG, et al. **Acta Physiol Acad Sci Hung** 1981;57(2):111–22

Blood flow in 'red' and "white' calf muscles in cats during isometric and isotonic exercise. Bonde-Petersen F, et al. **Acta Physiol Scand** 1981 Jul;112(3):243–51

Lactate concentrations after short, maximal exercise at various glycogen levels. Jacobs I. **Acta Physiol Scand** 1981 Apr; 111(4):465–9

Blood pressure and heart rate response to static exercise in relation to electromyographic activity and force development. Schibye B, et al. **Acta Physiol Scand** 1981 Sep;113(1):61–6

Cholinergic responses in different sections of rat airways. Vornanen M, et al. **Acta Physiol Scand** 1981 Oct;113(2):177–82

The value of clinical lip strength measurements. Ingervall B, et al. **Am J Orthod** 1981 Nov;80(5):496–507

Coactivation of synergistic muscles of different fiber types in fast and slow contractions. Kuo KH, et al. **Am J Phys Med** 1981 Oct;60(5):219–38

Multiple-coupled pacemaker system in renal pelvis of the unicalyceal kidney. Constantinou CE, et al. **Am J Physiol** 1981 Nov;241(5):R412–8

Patellar pain and quadriceps rehabilitation. An EMG study. Wild JJ Jr, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):12–5

20,25-diazacholesterol myotonia: an electrophysiological study. Furman RE, et al. **Ann Neurol** 1981 Sep;10(3):251–60

Quantification and documentation of changes produced by spinal cord stimulation. Struppler A, et al. **Appl Neurophysiol** 1981; 44(1–3):114–8

Kinematic and myoelectric analysis of skill acquisition: I. 90cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):575–82

Kinematic and myoelectric analysis of skill acquisition: II. 150cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):582–9

Contractile properties and ultrastructure of extensor digitorum longus and soleus muscles in spinal cord transected rats. Davey DF, et al. **Aust J Exp Biol Med Sci** 1981 Aug;59(4):393–404

Craniomandibular orthopedics and athletic performance in the long distance runner: a three year study. Garabee WF Jr. **Basal Facts** 1981 Summer;4(3):77–81

Chronic exposure to a 60-Hz electric field: effects on neuromuscular function in the rat. Jaffe RA, et al. **Bioelectromagnetics** 1981;2(3):227–39

Cycle ergometer for dynamic exercise studies. Sherrill DL, et al. **Biomed Sci Instrum** 1981;17:11

Alkalinization of phosphorylase kinase-deficient muscle during tetanic contraction. Lutaya G, et al. **Biosci Rep** 1981 Feb; 1(2):177–82

Isometric contractile properties and instantaneous stiffness of amphibian skeletal muscle in the temperature range from 0 to 20 degrees C. Bressler BH. **Can J Physiol Pharmacol** 1981 Jun; 59(6):548–54

The perception of fatigue. **Ciba Found Symp** 1981;(82):283–96

EMG and fatigue of human voluntary and stimulated contractions. Bigland-Ritchie B. **Ciba Found Symp** 1981;(82):130–56

Human muscle function and fatigue. Edwards RH. **Ciba Found Symp** 1981;(82):1–18

Effect of metabolic changes on force generation in skeletal muscle during maximal exercise. Hermansen L. **Ciba Found Symp** 1981; (82):75–88

Glycolytic and oxidative energy metabolism and contraction characteristics of intact human muscle. Hultman E, et al. **Ciba Found Symp** 1981;(82):19–40

The tremor in fatigue. Lippold O. **Ciba Found Symp** 1981; (82):234–48

The pathophysiology of inspiratory muscle fatigue. Macklem PT, et al. **Ciba Found Symp** 1981;(82):249–63

Shortage of chemical fuel as a cause of fatigue: studies by nuclear magnetic resonance and bicycle ergometry. Wilkie D. **Ciba Found Symp** 1981;(82):102–19

The effect of acoustic masking on the silent period in the Masseter electromyogram in man during sustained isometric contraction. van Steenberghe D, et al. **Electromyogr Clin Neurophysiol** 1981 Nov–Dec;21(7):611–25

Isokinet[illegible] contractile properties of the quadriceps with relation to fiber type. Ivy JL, et al. **Eur J Applied Physiol** 1981; 47(3):247–55

The effect of deep muscle temperature on the cardiovascular responses of man to static effort. Petrofsky JS, et al. **Eur J Applied Physiol** 1981;47(1):7–16

The influence of recruitment order and temperature on muscle contraction with special reference to motor unit fatigue. Petrofsky JS. **Eur J Applied Physiol** 1981;47(1):17–25

The lung strip: evaluation of a method to study contractility of pulmonary parenchyma. Evans JN, et al. **Exp Lung Res** 1981 Aug;2(3):187–95

Tritiated water (HTO) and inulin spaces in isolated skeletal and cardiac muscles: influence of contractile activity. Cappelli V, et al. **Experientia** 1981;37(8):849–50

Effects of captopril on vascular reactivity of SHR in vivo and in vitro. Antonaccio MJ, et al. **Hypertension** 1981 Nov–Dec; 3(6 Pt 2):II–211–5

Prolonged exposure to ouabain eliminates the greater norepinephrine-dependent calcium sensitivity of resistance vessels in spontaneously hypertensive rats. Nilsson H, et al. **Hypertension** 1981 Nov–Dec;3(6):691–7

Voluntary muscular contraction with reference to agricultural tasks. Nag PK, et al. **Indian J Med Res** 1981 Jul;74:111–9

Interrelationship between alpha- and beta-adrenergic agonists and histamine in canine airways. Leff AR, et al. **J Allergy Clin Immunol** 1981 Oct;68(4):300–9

Mandibular position and upper body strength: a controlled clinical trial. Greenberg MS, et al. **J Am Dent Assoc** 1981 Oct; 103(4):576–9

Extent of motor unit activation during effort. Belanger AY, et al. **J Appl Physiol** 1981 Nov;51(5):1131–5

Conduction velocity and EMG power spectrum changes in fatigue of sustained maximal efforts. Bigland-Ritchie B, et al. **J Appl Physiol** 1981 Nov;51(5):1300–5

Blood flow response of human calf muscles to static contractions at various percentages of MVC. Richardson D. **J Appl Physiol** 1981 Oct;51(4):929–33

Does Osgood--Schlatter disease influence the position of the patella? Jakob RP, et al. **J Bone Joint Surg [Br]** 1981; 63B(4):579–82

Inactivation of released norepinephrine in rat tail artery by neuronal uptake. Webb RC, et al. **J Cardiovasc Pharmacol** 1980; 2(2):121–32

Age, isometric strength, rate of tension development and fiber type composition. Clarkson PM, et al. **J Gerontol** 1981 Nov; 36(6):648–53

Abnormal force--EMG relations in paretic limbs of hemiparetic human subjects. Tang A, et al. **J Neurol Neurosurg Psychiatry** 1981 Aug;44(8):690–8

Influence of vertical posture development on the velocity properties of triceps surae muscle in normal children. Gatev V, et al. **J Neurol Sci** 1981 Oct;52(1):85–90

Progressive jaw muscle fatigue of experimental tooth clenching in man. Christensen LV. **J Oral Rehabil** 1981 Sep;8(5):413–20

Isometric endurance of masseter muscle in children. Christensen LV. **J Oral Rehabil** 1981 Nov;8(6):473–8

Relationship between cyclic guanosine 3':5'-monophosphate formation and relaxation of coronary arterial smooth muscle by glyceryl trinitrate, nitroprusside, nitrite and nitric oxide: effects of methylene blue and methemoglobin. Gruetter CA, et al. **J Pharmacol Exp Ther** 1981 Oct;219(1):181–6

Slow potassium contractures in mouse limb muscles. Dulhunty AF. **J Physiol (Lond)** 1981 May;314:91–105

Occlusal forces during chewing--influences of biting strength and food consistency. Gibbs CH, et al. **J Prosthet Dent** 1981 Nov; 46(5):561–7

Some observations on strength training and assessment. Gregory LW. **J Sports Med Phys Fitness** 1981 Jun;21(2):130–7

The effect of vitamin B6 on muscle fatigue. Richardson JH, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):119–21

Human muscle fatigue [editorial] **Lancet** 1981 Oct 3; 2(8249):729–30

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLE CONTRACTION

Clinical study of paramyotonia congenita with and without myotonia in a warm environment. Haass A, et al. **Muscle Nerve** 1981 Sep-Oct;4(5):388-95

Neuromuscular response of the immature rat of ACTH/MSH 4—10. Smith CM, et al. **Peptides (Fayetteville)** 1981 Summer; 2(2):197-206

Regulation of vascular tone, molecular mechanisms. Webb RC, et al. **Prog Cardiovasc Dis** 1981 Nov-Dec;24(3):213-42 (205 ref.)

Effects of prostaglandins on the isolated uterine artery of nonpregnant women. Wilhelmsson L, et al. **Prostaglandins** 1981 Aug;22(2):223-33

Ventilatory pattern during handgrip on normal man. Bosisio E, et al. **Respiration** 1981;42(2):84-7

Use and misuse of the tape-measure as a means of assessing muscle strength and power. Cooper H, et al. **Rheumatol Rehabil** 1981 Nov;20(4):211-8

Reduced sympathetic nervous system responsivity associated with the relaxation response. Hoffman JW, et al. **Science** 1982 Jan 8;215(4529):190-2

Progression of idiopathic scoliosis: an analysis of muscle actions and body weight influences. Haderspeck K, et al. **Spine** 1981 Sep-Oct;6(5):447-55

Correction of scoliosis by muscle stimulation: biomechanical analyses. Schultz A, et al. **Spine** 1981 Sep-Oct,6(5):468-76

[Effect of calcium on the temporal characteristics of muscle contraction] Bukatina AE, et al. **Biofizika** 1981 Jul-Aug; 26(4):749-51 (Eng. Abstr.) **(Rus)**

[Dynamics of muscle relaxation following unfused tetanus of different durations] Gurfinkel' VS, et al. **Biofizika** 1981 Jul-Aug; 26(4):709-11 (Eng. Abstr.) **(Rus)**

MUSCLE TONUS

The value of clinical lip strength measurements. Ingervall B, et al. **Am J Orthod** 1981 Nov;80(5):496-507

Isometric contractile properties and instantaneous stiffness of amphibian skeletal muscle in the temperature range from 0 to 20 degrees C. Bressler BH. **Can J Physiol Pharmacol** 1981 Jun; 59(6):548-54

Effect of metabolic changes on force generation in skeletal muscle during maximal exercise. Hermansen L. **Ciba Found Symp** 1981; (82):75-88

Fitness evaluation and exercise prescription. Mead WF, et al. **J Fam Pract** 1981 Dec;13(7):1039-50

[Orthoclinostatic reaction and functional fitness of the circulatory system in lumberers working with multi-purpose felling machines. Three-day working cycle dependence (author's transl)] Novák J, et al. **Cas Lek Cesk** 1981 Apr 23; 120(16):479-83 (Eng. Abstr.) **(Cze)**

MUSCLES

Electrical activity and force during voluntary contraction of normal and diseased muscle. Fuglsang-Frederiksen A. **Acta Neurol Scand [Suppl]** 1981;63(83):1-60

Function after removal of various hip and thigh muscles for extirpation of tumors. Markhede G, et al. **Acta Orthop Scand** 1981 Aug;52(4):373-95

Data on muscle fibre conversion and fibre splitting in man. Fekete G, et al. **Acta Physiol Acad Sci Hung** 1981;57(2):163-70

Blood flow in 'red' and "white' calf muscles in cats during isometric and isotonic exercise. Bonde-Petersen F, et al. **Acta Physiol Scand** 1981 Jul;112(3):243-51

Leg blood flow during exercise in man in relation to muscle fibre composition. Frisk-Holmberg M, et al. **Acta Physiol Scand** 1981 Jul;112(3):339-42

Lactate concentrations after short, maximal exercise at various glycogen levels. Jacobs I. **Acta Physiol Scand** 1981 Apr; 111(4):465-9

Adaptive changes in work capacity, skeletal muscle capillarization and enzyme levels during training and detraining. Klausen K, et al. **Acta Physiol Scand** 1981 Sep;113(1):9-16

Adipose tissue perfusion and fatty acid release in exercising rats. Larsen T, et al. **Acta Physiol Scand** 1981 Sep;113(1):111-6

Some factors of significance for respiratory gas exchange in muscle tissue. A mathematical analysis of a capillary model. Mild KH, et al. **Acta Physiol Scand** 1981 Aug;112(4):395-404

Skeletal muscle fibre characteristics in young women. Nygaard E. **Acta Physiol Scand** 1981 Jul;112(3):299-304

Blood pressure and heart rate response to static exercise in relation to electromyographic activity and force development. Schibye B, et al. **Acta Physiol Scand** 1981 Sep;113(1):61-6

Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Thompson PD, et al. **Am J Cardiol** 1981 Nov;48(5):844-50

Effects of isosorbide dinitrate and hydralazine on regional metabolic responses to arm exercise in patients with heart failure. Wilson JR, et al. **Am J Cardiol** 1981 Nov;48(5):934-8

Coactivation of synergistic muscles of different fiber types in fast and slow contractions. Kuo KH, et al. **Am J Phys Med** 1981 Oct;60(5):219-38

Persistent increase in glucose uptake by rat skeletal muscle following exercise. Ivy JL, et al. **Am J Physiol** 1981 Nov; 241(5):C200-3

Kinesiology. II. A practical discussion of certain muscle actions in a few illustrative sports activities. Miller WE. **Am J Sports Med** 1981 Nov-Dec;9(6):405-8

Structure and function of the murine muscle-tendon junction. Trotter JA, et al. **Anat Rec** 1981 Oct;201(2):293-302

20,25-diazacholesterol myotonia: an electrophysiological study. Furman RE, et al. **Ann Neurol** 1981 Sep;10(3):251-60

Biochemical adaptation of mitochondria, muscle, and whole-animal respiration to endurance training. Davies KJ, et al. **Arch Biochem Biophys** 1981 Jul;209(2):539-54

Effect of ionic strength on the interaction between aldolase and actin-containing filaments. Kuter MR, et al. **Arch Biochem Biophys** 1981 Nov;212(1):306-10

Electromyographic response of the elbow flexors to a changing, dislocating force. Hanson CT, et al. **Arch Phys Med Rehabil** 1981 Dec;62(12):631-4

Kinematic and myoelectric analysis of skill acquisition: I. 90cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):575-82

Kinematic and myoelectric analysis of skill acquisition: II. 150cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):582-9

Contractile properties and ultrastructure of extensor digitorum longus and soleus muscles in spinal cord transected rats. Davey DF, et al. **Aust J Exp Biol Med Sci** 1981 Aug;59(4):393-404

Craniomandibular orthopedics and athletic performance in the long distance runner: a three year study. Garabee WF Jr. **Basal Facts** 1981 Summer;4(3):77-81

Different polymeric forms of actin detected by the fluorescent probe terbium ion. Ferri A, et al. **Biochemistry** 1981 Oct 27; 20(22):6362-6

Single turnovers of adenosine 5'-triphosphate by myofibrils and actomyosin subfragment 1. Sleep JA. **Biochemistry** 1981 Aug 18; 20(17):5043-51

Crystalline actin tubes. III. The interaction of scandium and yttrium with skeletal muscle actin. Barden JA, et al. **Biochim Biophys Acta** 1981 Nov 30;671(1):25-32

Chronic exposure to a 60-Hz electric field: effects on neuromuscular function in the rat. Jaffe RA, et al. **Bioelectromagnetics** 1981;2(3):227-39

Alkalinization of phosphorylase kinase-deficient muscle during tetanic contraction. Lutaya G, et al. **Biosci Rep** 1981 Feb; 1(2):177-82

Anaerobic performance in middle and long distance runners. Taunton JE, et al. **Can J Appl Sport Sci** 1981 Sep; 6(3):109-13

Isometric contractile properties and instantaneous stiffness of amphibian skeletal muscle in the temperature range from 0 to 20 degrees C. Bressler BH. **Can J Physiol Pharmacol** 1981 Jun; 59(6):548-54

The perception of fatigue. **Ciba Found Symp** 1981;(82):283-96

EMG and fatigue of human voluntary and stimulated contractions. Bigland-Ritchie B. **Ciba Found Symp** 1981;(82):130-56

Human muscle function and fatigue. Edwards RH. **Ciba Found Symp** 1981;(82):1-18

Effect of metabolic changes on force generation in skeletal muscle during maximal exercise. Hermansen L. **Ciba Found Symp** 1981; (82):75-88

Glycolytic and oxidative energy metabolism and contraction characteristics of intact human muscle. Hultman E, et al. **Ciba Found Symp** 1981;(82):19-40

Relevance of muscle fibre type to fatigue in short intense and prolonged exercise in man. Karlsson J, et al. **Ciba Found Symp** 1981;(82):59-74

The tremor in fatigue. Lippold O. **Ciba Found Symp** 1981; (82):234-48

The glucose/fatty acid cycle and physical exhaustion. Newsholme EA. **Ciba Found Symp** 1981;(82):89-101

Muscle fibre recruitment and metabolism in prolonged exhaustive dynamic exercise. Saltin B. **Ciba Found Symp** 1981;(82):41-58

Shortage of chemical fuel as a cause of fatigue: studies by nuclear magnetic resonance and bicycle ergometry. Wilkie D. **Ciba Found Symp** 1981;(82):102-19

Reconstruction of traumatic complete loss of the medial collateral ligament: a case report. Grana WA, et al. **Clin Orthop** 1981; (160):153-7

Effect of exercise on protein turnover in man. Rennie MJ, et al. **Clin Sci** 1981 Nov;61(5):627-39

Physiological and metabolic effects of a 25 km race in female athletes. Haralambie G, et al. **Eur J Applied Physiol** 1981; 47(2):123-31

Isokinetic contractile properties of the quadriceps with relation to fiber type. Ivy JL, et al. **Eur J Applied Physiol** 1981; 47(3):247-55

Effects of repeated fatiguing rhythmical hand work. Kobryn U, et al. **Eur J Applied Physiol** 1981;47(3):271-9

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLES

The effect of deep muscle temperature on the cardiovascular responses of man to static effort. Petrofsky JS, et al. **Eur J Applied Physiol** 1981;47(1):7–16

The influence of recruitment order and temperature on muscle contraction with special reference to motor unit fatigue. Petrofsky JS. **Eur J Applied Physiol** 1981;47(1):17–25

Frequency analysis of surface EMG to evaluation of muscle fatigue. Sadoyama T, et al. **Eur J Applied Physiol** 1981;47(3):239–46

Acid hydrolase activities in mouse cardiac and skeletal muscle following exhaustive exercise. Salminen A, et al. **Eur J Applied Physiol** 1981;47(1):57–64

Effects of sleep deprivation on the activity of selected metabolic enzymes in skeletal muscle. Vondra K, et al. **Eur J Applied Physiol** 1981;47(1):41–6

Uptake of 3H–leucine into different fractions of rat skeletal muscle following acute endurance and sprint exercise. Wenger HA, et al. **Eur J Applied Physiol** 1981;47(1):83–92

The effects of Mg2+ on the Ca2+–binding properties and Ca2+–induced tyrosine–fluorescence changes of calmodulin isolated from rabbit skeletal muscle. Kohse KP, et al. **Eur J Biochem** 1981 Jul;117(3):507–13

Tritiated water (HTO) and inulin spaces in isolated skeletal and cardiac muscles: influence of contractile activity. Cappelli V, et al. **Experientia** 1981;37(8):849–50

Anabolic steroids are fool's gold. Ryan AJ. **Fed Proc** 1981 Oct; 40(12):2682–8 (63 ref.)

Voluntary muscular contraction with reference to agricultural tasks. Nag PK, et al. **Indian J Med Res** 1981 Jul;74:111–9

Muscular training through localized in vivo electrical stimulations. Moorthy CV, et al. **Indian J Physiol Pharmacol** 1981 Jul–Sep; 25(3):229–36

Mandibular position and upper body strength: a controlled clinical trial. Greenberg MS, et al. **J Am Dent Assoc** 1981 Oct; 103(4):576–9

Respiratory and stepping frequencies in conscious exercising cats. Iscoe S. **J Appl Physiol** 1981 Oct;51(4):835–9

Blood flow response of human calf muscles to static contractions at various percentages of MVC. Richardson D. **J Appl Physiol** 1981 Oct;51(4):929–33

Maximum leg force and power output during short–term dynamic exercise. Sargeant AJ, et al. **J Appl Physiol** 1981 Nov; 51(5):1175–82

A model for the relation between respiratory neural and mechanical outputs. I. Theory. Younes M, et al. **J Appl Physiol** 1981 Oct; 51(4):963–78

Amphoteric charge distribution at the enzymatic site of 1,N6–ethenoadenosine triphosphate–binding heavy meromyosin determined by dynamic fluorescence quenching. Miyata H, et al. **J Biochem (Tokyo)** 1981 Jul;90(1):133–9

Ca2+ control of actin filament length. Effects of macrophage gelsolin on actin polymerization. Yin HL, et al. **J Biol Chem** 1981 Sep 25;256(18):9693–7

Management of patellar malalignment. Kettelkamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344–8 (45 ref.)

Stabilizing mechanisms preventing anterior dislocation of the glenohumeral joint. Turkel SJ, et al. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1208–17

Age, isometric strength, rate of tension development and fiber type composition. Clarkson PM, et al. **J Gerontol** 1981 Nov; 36(6):648–53

Stereological methods in cell biology: where are we––where are we going? Weibel ER. **J Histochem Cytochem** 1981 Sep; 29(9):1043–52

Effects of toeclip use on metabolic and cardiopulmonary responses to bicycle ergometer exercise. Wilde SW, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):47–54

Influence of vertical posture development on the velocity properties of triceps surae muscle in normal children. Gatev V, et al. **J Neurol Sci** 1981 Oct;52(1):85–90

Human vastus lateralis and gastrocnemius muscles. A comparative histochemical and biochemical analysis. Green HJ, et al. **J Neurol Sci** 1981 Nov–Dec;52(2–3):201–10

Slow potassium contractures in mouse limb muscles. Dulhunty AF. **J Physiol (Lond)** 1981 May;314:91–105

A comparison of the recurrent inhibition of alpha– and gamma–motoneurones in the cat. Ellaway PH, et al. **J Physiol (Lond)** 1981 Jun;315:43–58

The effect of vitamin B6 on muscle fatigue. Richardson JH, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):119–21

Human muscle fatigue [editorial] **Lancet** 1981 Oct 3; 2(8249):729–30

Plasma potassium during exercise [letter] Corea L, et al. **Lancet** 1981 Dec 5;2(8258):1292

Positive and negative adaptation of muscle enzymes in aging mice subjected to physical exercise. Steinhagen–Thiessen E, et al. **Mech Ageing Dev** 1981;16(4):363–9

Characterization of the electrogenic sodium channel from rat brain membranes using neurotoxin–dependent 22Na uptake. Matthews JC, et al. **Membr Biochem** 1981;4(2):71–104

Increase of lipoprotein–lipase activity in skeletal muscle during heavy exercise. Relation to epinephrine excretion. Lithell H, et al. **Metabolism** 1981 Nov;30(11):1130–4

Riboflavin–responsive lipid myopathy and carnitine deficiency. Carroll JE, et al. **Neurology (NY)** 1981 Dec;31(12):1557–9

Neuromuscular response of the immature rat of ACTH/MSH 4––10. Smith CM, et al. **Peptides (Fayetteville)** 1981 Summer; 2(2):197–206

Glycogen metabolism and the function of fast and slow muscles of the rat. Villa Moruzzi E, et al. **Pflugers Arch** 1981 Oct; 391(4):338–42

Respiratory treatment of the adult patient with spinal cord injury. Alvarez SE, et al. **Phys Ther** 1981 Dec;61(12):1737–45

Neural regulation of blood flow in nonworking muscles. Part III. Littell EH. **Phys Ther** 1981 Nov;61(11):1575–84

Respiratory muscle function, assessment, and training. Shaffer TH, et al. **Phys Ther** 1981 Dec;61(12):1711–23

Medical problems in Association football. Sash L. **Practitioner** 1981 Jul;225(1357):1047–50

Mitochondrial regulation of phosphocreatine/inorganic phosphate ratios in exercising human muscle: a gated 31P NMR study. Chance B, et al. **Proc Natl Acad Sci USA** 1981 Nov; 78(11):6714–8

The effect of two levels of muscular work on urinary creatinine excretion. Riley WW Jr, et al. **Res Q Exerc Sport** 1981 Oct; 52(3):339–47

A psychophysiological assessment of elite wrestlers. Silva JM 3d, et al. **Res Q Exerc Sport** 1981 Oct;52(3):348–58

Use and misuse of the tape–measure as a means of assessing muscle strength and power. Cooper H, et al. **Rheumatol Rehabil** 1981 Nov;20(4):211–8

Muscle metabolism during exercise in men operated upon for coarctation of the aorta in childhood. Eriksson BO, et al. **Scand J Clin Lab Invest** 1981 Apr;41(2):135–41

Physical fitness––definition and assessment. Keong GC. **Singapore Med J** 1981 Jun;22(3):176–82

Progression of idiopathic scoliosis: an analysis of muscle actions and body weight influences. Haderspeck K, et al. **Spine** 1981 Sep–Oct;6(5):447–55

Correction of scoliosis by muscle stimulation: biomechanical analyses. Schultz A, et al. **Spine** 1981 Sep–Oct;6(5):468–76

Muscle fibre composition and glycogen depletion in horses competing in an endurance ride. Snow DH, et al. **Vet Rec** 1981 Apr 25;108(17):374–8

[Oscillographic assessment of forces during burdening of the leg by the body weight (author's transl)] Rybka V. **Acta Chir Orthop Traumatol Cech** 1981 Oct;48(5):388–410 (Eng. Abstr.) **(Cze)**

[Study of the valuations of serum muscular enzymes and myoglobin after maximal exercise test and during the next 24 hours (author's transl)] Besson C, et al. **Eur J Applied Physiol** 1981; 47(1):47–56 (Eng. Abstr.) **(Fre)**

[Oxygen consumption of the respiratory muscles in increased respiratory resistance] Bühlmann AA, et al. **Schweiz Med Wochenschr** 1981 Nov 14;111(46):1752–6 (Eng. Abstr.) **(Ger)**

[Biomechanics of the hip joint] Sotirow B. **Chir Narzadow Ruchu Ortop Pol** 1981;46(2):143–6 (Eng. Abstr.) **(Pol)**

[Inhibiting effect of adrenaline on the acetylcholinesterase activity of skeletal muscle sarcolemma] Diadiusha GP, et al. **Biokhimiia** 1981 Sep;46(9):1558–63 (Eng. Abstr.) **(Rus)**

[Dynamics of the oxygen regime of the vascular wall during functional hyperemia of skeletal muscles and arterial hypoxia] Bershtein SA, et al. **Fiziol Zh** 1981 Sep–Oct;27(5):658–62 (Eng. Abstr.) **(Rus)**

[Role of the pentosephosphate pathway of carbohydrate metabolism in muscle adaptation to increased activity] Koliadko NG. **Fiziol Zh SSSR** 1981 Jul;67(7):1064–7 (Eng. Abstr.) **(Rus)**

[Bioenergetic characteristics of different kinds of physical loads] Usik SV, et al. **Fiziol Zh SSSR** 1981 Sep;67(9):1370–4 (Eng. Abstr.) **(Rus)**

[Correlation between myopia and muscular strength in the arms] Eremenko NS, et al. **Oftalmol Zh** 1981;36(6):348–51 (Eng. Abstr.) **(Rus)**

[Effect of thymectomy on the activity of various enzymes controlling energy metabolism in the rat tissue] Mikhailova IA, et al. **Probl Endokrinol (Mosk)** 1981 Jul–Aug;27(4):62–6 (Eng. Abstr.) **(Rus)**

[Activity of enzymes of the oxidative part of the pentose phosphate pathway in skeletal muscles during muscular activity of different types and during the recovery period] Koliadko NG. **Ukr Biokhim Zh** 1981 Sep–Oct;53(5):106–10 (Eng. Abstr.) **(Rus)**

[State of the brain nerve cell chromatin and nucleic acid content of the muscles of rats exposed at different sites to decimeter waves under physical loading] Sokolova ZA. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Jul–Aug;(4):35–8 (Eng. Abstr.) **(Rus)**

[Characteristics of individual development and patterns of male and female rats in light of the skeletal muscle energy rule]

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLES

Arshavskiĭ IA, et al. **Zh Obshch Biol** 1981 Sep-Oct; 42(5):698-707 (Eng. Abstr.) (Rus)

MUSCULAR DISEASES

Riboflavin-responsive lipid myopathy and carnitine deficiency. Carroll JE, et al. **Neurology (NY)** 1981 Dec;31(12):1557-9

MUSCULAR DYSTROPHY

Electrical activity and force during voluntary contraction of normal and diseased muscle. Fuglsang-Frederiksen A. **Acta Neurol Scand [Suppl]** 1981;63(83):1-60

Effect of exercise in Duchenne muscular dystrophy. Scott OM, et al. **Physiotherapy** 1981 Jun;67(6):174-6

Functional and biochemical responses of children with progressive muscular dystrophy on standard physical exertion. Nesvadba Z, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1981;24(2):215-52

MYASTHENIA GRAVIS

Eaton-Lambert myasthenic syndrome: long-term treatment of three patients with prednisone. Streib EW, et al. **Ann Neurol** 1981 Nov;10(5):448-53

MYOCARDIAL DISEASES

Thallium-201 myocardial imaging in patients with dilated and ischaemic cardiomyopathy. Saltissi S, et al. **Br Heart J** 1981 Sep; 46(3):290-5

Enhanced noradrenaline response in cardiomyopathic hamsters: possible relation to changes in adrenoceptors studied by radioligand binding. Karliner JS, et al. **Cardiovasc Res** 1981 May; 15(5):296-304

[Correlation between isovolumic and auxotonic indexes of left ventricular contractility at rest and during exercise (author's transl)] Bussmann WD, et al. **Z Kardiol** 1981 Dec; 70(12):884-8 (Eng. Abstr.) (Ger)

MYOCARDIAL INFARCTION

Early exercise tests after uncomplicated acute myocardial infarction before early discharge from hospital. Lindvall K, et al. **Acta Med Scand** 1981;210(4):257-61

Metoprolol treatment after acute myocardial infarction. Effects on ventricular arrhythmias and exercise tests during 6 months. Olsson G, et al. **Acta Med Scand** 1981;210(1-2):59-65

The effect of increased cardiac pressure load and volume load on the size of myocardial infarction following coronary artery occlusion. Tornling G, et al. **Acta Pathol Microbiol Scand [A]** 1981 Jul;89(4):309-12

Serum enzyme CK-B rise following exhaustive physical exercise [letter] Bark S, et al. **Am Heart J** 1981 Dec; 102(6 Pt 1):1079-80

Sudden death while playing professional football. Roberts WC, et al. **Am Heart J** 1981 Dec;102(6 Pt 1):1062-3

Computer-enhanced thallium scintigrams in asymptomatic men with abnormal exercise tests. Uhl GS, et al. **Am J Cardiol** 1981 Dec;48(6):1037-43

Correlation of early hemodynamics during myocardial infarction and subsequent exercise testing. Cintrón G, et al. **Bol Asoc Med PR** 1981 Jul;73(7):316-20

Coronary artery disease. Rothbaum DA. **Cardiovasc Clin** 1981; 12(1):105-18

Secondary prevention in myocardial infarction survivors. **Circulation** 1982 Jan;65(1):216A-219A

Influence of the location of left anterior descending coronary artery stenosis on left ventricular function during exercise. Leong K, et al. **Circulation** 1982 Jan;65(1):109-14

Demonstration of training effect during chronic beta-adrenergic blockade in patients with coronary artery disease. Pratt CM, et al. **Circulation** 1981 Dec;64(6):1125-9

Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Rainwater J, et al. **Circulation** 1982 Jan;65(1):77-81

An investigation in patients with previous myocardial infarction who present with chest pain. Selwyn AP, et al. **Circulation** 1981 Dec;64(6):1156-62

Maximizing the information from thallium studies. Logic JR. **Clin Nucl Med** 1981 Oct;6(10S):P110-6

Cardiac rehabilitation in the critical care unit. Duke D, et al. **Crit Care Nurse** 1980 Nov-Dec;1(1):32-8

Cardiac rehabilitation: state of the art. Goldmann MA. **Geriatrics** 1981 Nov;36(11):103-12

Secondary prevention in myocardial infarction survivors. **Ir Med J** 1981 Sep;74(9):245-7

Elevated creatine kinase MB isoenzyme levels in marathon runners. Normal myocardial scintigrams suggest noncardiac source. Siegel AJ, et al. **JAMA** 1981 Nov 6;246(18):2049-51

Clinical significance of exercise-induced ST changes in patients with prior myocardial infarction: comparison of electrocardiographic and angiographic findings. Fukui S, et al. **Jpn Circ J** 1981 Oct;45(10):1131-7

Quantitative evaluation of treadmill test induced ST-T changes using body surface mapping. Yasui S, et al. **Jpn Circ J** 1981 Oct;45(10):1208-11

Exercise tests after myocardial infarction [editorial] **Lancet** 1981 Oct 10;2(8250):786-8

Early rehabilitation after myocardial infarction. Mayou R, et al. **Lancet** 1981 Dec 19-26;2(8260-61):1399-402

In-hospital exercise after myocardial infarction [letter] **N Engl J Med** 1981 Dec 24;305(26):1592-3

The treadmill stress test: coaching your cardiac patient along the path to recovery. Janz N, et al. **Nursing (Horsham)** 1981 Dec; 11(12):37-41

Rehabilitation of the patient with myocardial infarction. Responsibility of the primary care physician. Wenger NK. **Primary Care** 1981 Sep;8(3):491-507 (28 ref.)

[Stress-ECG after myocardial infarct. Does myocardial infarct reduce the significance of stress ECG in the diagnosis of severe stenosis of the anterior interventricular ramus, the diagonal ramus and the marginal ramus of the coronary artery] Kreul HG, et al. **Fortschr Med** 1981 Sep 3;99(33):1307-11 (Eng. Abstr.) (Ger)

[Rehabilitation in an ambulatory coronary training group. A longitudinal study of 5 years after a Hamburg model] Sperhake L, et al. **Fortschr Med** 1981 Nov 19;99(43):1777-81 (Eng. Abstr.) (Ger)

[Myocardial infarction while windsurfing (author's transl)] Schmid P, et al. **MMW** 1981 Sep 18;123(38):1417-9 (Eng. Abstr.) (Ger)

[Ergometric dose-effect study of bunitrolol (Stresson) in patients with coronary heart disease (author's transl)] Böhm H, et al. **Wien Med Wochenschr** 1981 Sep 30;131(18):457-61 (Eng. Abstr.) (Ger)

[Chronic administration of beta blocking agents: left ventricular hemodynamics in myocardial infarctions during exercise (author's transl)] Blümchen G, et al. **Z Kardiol** 1981 Sep;70(9):678-86 (Eng. Abstr.) (Ger)

[ST-segment depression and R-amplitude changes during bicycle stress test in patients with coronary artery disease (author's transl)] Hoberg E, et al. **Z Kardiol** 1981 Oct;70(10):776-80 (Eng. Abstr.) (Ger)

[The syndrome of hypertension of effort in the rehabilitation of patients with recent myocardial infarct. Problems of drug therapy] Opasich C, et al. **Boll Soc Ital Cardiol** 1980; 25(5):459-66 (Eng. Abstr.) (Ita)

[Echocardiographic evaluation of myocardial infarct patients undergoing rehabilitation] Pennestri F, et al. **G Ital Cardiol** 1981; 11(7):933-40 (Eng. Abstr.) (Ita)

[Early functional evaluation and physical rehabilitation in patients with wide myocardial infarction (author's transl)] Vecchio C, et al. **G Ital Cardiol** 1981;11(4):419-29 (Eng. Abstr.) (Ita)

[Method of conducting a staged rehabilitation of patients who have had a myocardial infarct] Bluzhas IN, et al. **Kardiologiia** 1981 Sep;21(9):10-4 (Eng. Abstr.) (Rus)

[Results of the bicycle-ergometric tests in post-infarct cardiosclerosis] Churin VD, et al. **Kardiologiia** 1981; 21(10):97-101 (Eng. Abstr.) (Rus)

[Determination of the myocardial reserve by ergometry] Pomerantsev VP, et al. **Kardiologiia** 1981 Sep;21(9):68-72 (Eng. Abstr.) (Rus)

[Personality characteristics and tolerance to exertion in patients with post-infarct cardiosclerosis] Beliakova NA. **Ter Arkh** 1981; 53(8):38-41 (Eng. Abstr.) (Rus)

[Quantitative evaluation of the prognosis of the effectiveness of physical rehabilitation of myocardial infarct patients at the sanatorium stage] Bel'skiĭ NE, et al. **Ter Arkh** 1981;53(8):23-5 (Eng. Abstr.) (Rus)

[Criteria for discontinuing exercise tests in patients with coronary arteriosclerosis and post-infarct cardiosclerosis] Sokolov IuN, et al. **Ter Arkh** 1981;53(8):41-4 (Eng. Abstr.) (Rus)

[Role of the exercise test in patients with arrhythmias] Cikoš J, et al. **Med Pregl** 1981;34(5-6):225-9 (Eng. Abstr.) (Scr)

[Load tolerance at the first ergometric examination and lethality after myocardia infarction (author's transl)] Mikeš Z, et al. **Bratisl Lek Listy** 1981 Mar;75(3):337-44 (Eng. Abstr.) (Slo)

[The pros and cons of exercise therapy in rehabilitation after myocardial infarct] Palát M. **Vnitr Lek** 1981 Oct;27(10):942-7 (Eng. Abstr.) (Slo)

[Results of early rehabilitation in the Sliač spa after myocardial infarct] Procházka Z, et al. **Vnitr Lek** 1981 Oct;27(10):948-56 (Eng. Abstr.) (Slo)

[Methodology of exercise tests in the 1st month of acute myocardial infarct] Aros LF, et al. **Rev Esp Cardiol** 1981;34(2):127-32 (Eng. Abstr.) (Spa)

[Functional capacity and working status after myocardial infarction] Sanz G, et al. **Rev Esp Cardiol** 1981;34(3):219-26 (Eng. Abstr.) (Spa)

MYOCARDITIS

[Role of the exercise test in patients with arrhythmias] Cikoš J, et al. **Med Pregl** 1981;34(5-6):225-9 (Eng. Abstr.) **(Ser)**

MYOSITIS

Electrical activity and force during voluntary contraction of normal and diseased muscle. Fuglsang-Frederiksen A. **Acta Neurol Scand [Suppl]** 1981;63(83):1-60

MYOSITIS OSSIFICANS

Heterotopic bone formation: a case report. Lepow GM, et al. **J Foot Surg** 1980 Summer;19(2):63-5

[Post-traumatic myositis ossificans] Altieri E, et al. **Chir Organi Mov** 1981 May-Jun;66(3):415-20 (Eng. Abstr.) **(Ita)**

MYOTONIA

20,25-diazacholesterol myotonia: an electrophysiological study. Furman RE, et al. **Ann Neurol** 1981 Sep;10(3):251-60

MYOTONIA ATROPHICA

Myotonic dystrophy as a disease of abnormal membrane receptors: an hypothesis of pathophysiology and a new approach to treatment. Brumback RA, et al. **Med Hypotheses** 1981 Aug; 7(8):1059-66 (39 ref.)

MYOTONIA CONGENITA

Clinical study of paramyotonia congenita with and without myotonia in a warm environment. Haass A, et al. **Muscle Nerve** 1981 Sep-Oct;4(5):388-95

NANDROLONE

Capillary column gas chromatographic mass spectrometric analysis of anabolic steroid residues using splitless injections made at elevated temperatures. Houghton E, et al. **Biomed Mass Spectrom** 1981 Aug;8(8):358-61

NAPROXEN

[Clinical study of the anti-inflammatory and analgesic action of methoxy-naphthyl-propionic acid in articular and periarticular injuries caused by sports] Rugginenti A, et al. **Clin Ter** 1981 Mar 15;96(5):503-14 (Eng. Abstr.) **(Ita)**

NEUROMUSCULAR DISEASES

Respiratory muscle function, assessment, and training. Shaffer TH, et al. **Phys Ther** 1981 Dec;61(12):1711-23

Progression of idiopathic scoliosis: an analysis of muscle actions and body weight influences. Haderspeck K, et al. **Spine** 1981 Sep-Oct;6(5):447-55

NICOTINIC ACIDS

Human adipose tissue blood flow during prolonged exercise, III. Effect of beta-adrenergic blockade, nicotinic acid and glucose infusion. Bülow J. **Scand J Clin Lab Invest** 1981 Jun; 41(4):415-24

NITROGEN

A study of unusual incidents in a well-documented series of dives. Leitch DR. **Aviat Space Environ Med** 1981 Oct;52(10):618-24

Effect of exercise on protein turnover in man. Rennie MJ, et al. **Clin Sci** 1981 Nov;61(5):627-39

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153-60

NOREPINEPHRINE

Estimation of maximum left ventricular inotropic response from changes in isovolumic indices of contractility in the dog. Broughton A, et al. **Cardiovasc Res** 1981 Jul;15(7):382-9

Enhanced noradrenaline response in cardiomyopathic hamsters: possible relation to changes in adrenoceptors studied by radioligand binding. Karliner JS, et al. **Cardiovasc Res** 1981 May; 15(5):296-304

Hormonal changes associated with long distance exercise. Snow DH, et al. **Equine Vet J** 1981 Jul;13(3):195-7

Effects of captopril on vascular reactivity of SHR in vivo and in vitro. Antonaccio MJ, et al. **Hypertension** 1981 Nov-Dec; 3(6 Pt 2):II-211-5

Basis for the altered arterial wall mechanics in the spontaneously hypertensive rat. Cox RH. **Hypertension** 1981 Jul-Aug; 3(4):485-95

Prolonged exposure to ouabain eliminates the greater norepinephrine-dependent calcium sensitivity of resistance vessels in spontaneously hypertensive rats. Nilsson H, et al. **Hypertension** 1981 Nov-Dec;3(6):691-7

Anxiety, anger, and neurogenic tone at rest and in stress in patients with primary hypertension. Sullivan P, et al. **Hypertension** 1981 Nov-Dec;3(6 Pt 2):II-119-23

Plasma norepinephrine response to exercise before and after training in humans. Péronnet F, et al. **J Appl Physiol** 1981 Oct; 51(4):812-5

Inactivation of released norepinephrine in rat tail artery by neuronal uptake. Webb RC, et al. **J Cardiovasc Pharmacol** 1980; 2(2):121-32

Effects of prostaglandins on the isolated uterine artery of nonpregnant women. Wilhelmsson L, et al. **Prostaglandins** 1981 Aug;22(2):223-33

Reduced sympathetic nervous system responsivity associated with the relaxation response. Hoffman JW, et al. **Science** 1982 Jan 8;215(4529):190-2

Circulating catecholamines in exercise and hyperventilation induced asthma. Barnes PJ, et al. **Thorax** 1981 Jun; 36(6):435-40

[The influence of graduated treadmill exercise on plasma catecholamines, aerobic and anaerobic capacity in boys and adults] Lehmann M, et al. **Eur J Applied Physiol** 1981; 47(3):301-11 (Eng. Abstr.) **(Ger)**

[Plasma catecholamines, metabolic substrates, aerobic and anaerobic capacity during exercise in supine and sitting position (author's transl)] Lehmann M, et al. **Klin Wochenschr** 1981 Nov 16;59(22):1237-42 (Eng. Abstr.) **(Ger)**

[Plasma catecholamines during maximal exercise in competitive skiers and cardiac patients (author's transl)] Minami M, et al. **Kokyu To Junkan** 1981 Jul;29(7):737-42 (Eng. Abstr.) **(Jpn)**

NUTRITION

Drugs and sport. Mangi RJ, et al. **Conn Med** 1981 Oct; 45(10):637-41

Nutritional, endocrine, and demographic aspects of osteoporosis. Kleerekoper M, et al. **Orthop Clin North Am** 1981 Jul; 12(3):547-58 (53 ref.)

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153-60

NUTRITIONAL REQUIREMENTS

The energy expenditure of female carpet weavers and rural women in Iran. Geissler CA, et al. **Am J Clin Nutr** 1981 Dec; 34(12):2776-83

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153-60

OBESITY

Diet, other lifestyle factors and HDL cholesterol in a population of Australian male service recruits. Dwyer T, et al. **Am J Epidemiol** 1981 Nov;114(5):683-96

Physical fitness in children: implications for the prevention of coronary artery disease. Rowland TW. **Curr Probl Pediatr** 1981 Jul;11(9):1-54 (184 ref.)

Serum thyroid hormone concentration during semi-starvation and physical exercise. Bosello O, et al. **Horm Metab Res** 1981 Nov; 13(11):651-2

Exercise and lipid metabolism. Oscai LB. **Prog Clin Biol Res** 1981; 67:383-90 (65 ref.)

[Influence of starvation and kinesitherapy on blood lipids and their fractions (author's transl)] Jungmann H, et al. **Klin Wochenschr** 1981 Sep 15;59(18):1061-4 (Eng. Abstr.) **(Ger)**

OSTEOARTHRITIS

Common pain syndromes: upper extremities. Webber JB. **Geriatrics** 1981 Dec;36(12):59-69

OSTEOPOROSIS

Nutritional, endocrine, and demographic aspects of osteoporosis. Kleerekoper M, et al. **Orthop Clin North Am** 1981 Jul; 12(3):547-58 (53 ref.)

OXYGEN CONSUMPTION

Leg blood flow during exercise in man in relation to muscle fibre composition. Frisk-Holmberg M, et al. **Acta Physiol Scand** 1981 Jul;112(3):339-42

Adaptive changes in work capacity, skeletal muscle capillarization and enzyme levels during training and detraining. Klausen K, et al. **Acta Physiol Scand** 1981 Sep;113(1):9-16

PHYSICAL FITNESS/SPORTS MEDICINE

OXYGEN CONSUMPTION

Some factors of significance for respiratory gas exchange in muscle tissue. A mathematical analysis of a capillary model. Mild KH, et al. **Acta Physiol Scand** 1981 Aug;112(4):395-404

Skeletal muscle fibre characteristics in young women. Nygaard E. **Acta Physiol Scand** 1981 Jul;112(3):299-304

Effect of beta-adrenergic blockade on maximal oxygen uptake in trained males. Tesch PA, et al. **Acta Physiol Scand** 1981 Jul; 112(3):351-2

Intravenous dipyridamole combined with isometric handgrip for near maximal acute increase in coronary flow in patients with coronary artery disease. Brown BG, et al. **Am J Cardiol** 1981 Dec;48(6):1077-85

Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Thompson PD, et al. **Am J Cardiol** 1981 Nov;48(5):844-50

Effects of isosorbide dinitrate and hydralazine on regional metabolic responses to arm exercise in patients with heart failure. Wilson JR, et al. **Am J Cardiol** 1981 Nov;48(5):934-8

Biochemical adaptation of mitochondria, muscle, and whole-animal respiration to endurance training. Davies KJ, et al. **Arch Biochem Biophys** 1981 Jul;209(2):539-54

Effects of sodium nitroprusside upon cardiac work, efficiency, and substrate extraction in severe left ventricular failure. Thompson DS, et al. **Br Heart J** 1981 Oct;46(4):394-400

The combination of nifedipine and propranolol in the management of patients with angina pectoris. Tweddel AC, et al. **Br J Clin Pharmacol** 1981 Aug;12(2):229-33

Effect of interval training and detraining on anaerobic fitness in women. Ready AE, et al. **Can J Appl Sport Sci** 1981 Sep; 6(3):114-8

Anaerobic performance in middle and long distance runners. Taunton JE, et al. **Can J Appl Sport Sci** 1981 Sep; 6(3):109-13

Effect of oral propranolol on the anerobic threshold and maximum exercise performance in normal man. Hughson RL, et al. **Can J Physiol Pharmacol** 1981 Jun;59(6):567-73

Muscle fibre recruitment and metabolism in prolonged exhaustive dynamic exercise. Saltin B. **Ciba Found Symp** 1981;(82):41-58

Noninvasive evaluation of exercise training in college-age men. Adams TD, et al. **Circulation** 1981 Nov;64(5):958-65

Effects of 12 months of intense exercise training on ischemic ST-segment depression in patients with coronary artery disease. Ehsani AA, et al. **Circulation** 1981 Dec;64(6):1116-24

The pathophysiology of angina pectoris and the effect of lidoflazine. Gobel FL, et al. **Circulation** 1982 Jan; 65(1 Pt 2):127-32 (49 ref.)

Pulmonary function assessment for determination of pulmonary impairment and disability evaluation. Miller WF, et al. **Clin Chest Med** 1981 Sep;2(3):327-41 (101 ref.)

Cardiopulmonary resuscitation: physical stress on the rescuer. Lonergan JH, et al. **Crit Care Med** 1981 Nov;9(11):793-5

Anaerobic and aerobic power of top athletes. Crielaard JM, et al. **Eur J Applied Physiol** 1981;47(3):295-300

Oxygen deficit during incremental exercise. Davis HA, et al. **Eur J Applied Physiol** 1981;47(2):133-40

Way of life as a determinant of physical fitness. Epstein Y, et al. **Eur J Applied Physiol** 1981;47(1):1-5

Effects of positive and negative exercise on ventilatory CO2 sensitivity. Hulsbosch MA, et al. **Eur J Applied Physiol** 1981; 47(1):73-81

The effect of different treadmill speeds on the variability of VO2 max in children. Paterson DH, et al. **Eur J Applied Physiol** 1981; 47(2):113-22

Myocardial oxygen extraction and oxygen-hemoglobin equilibrium curve during moderate exercise. Richalet JP, et al. **Eur J Applied Physiol** 1981;47(1):27-39

Standardization of work intensity for evaluation of exercise-induced bronchoconstriction. Wilson BA, et al. **Eur J Applied Physiol** 1981;47(3):289-94

Specificity of the anaerobic threshold in endurance trained cyclists and runners. Withers RT, et al. **Eur J Applied Physiol** 1981; 47(1):93-104

Exercise recovery above and below anaerobic threshold following maximal work. Stamford BA, et al. **J Appl Physiol** 1981 Oct; 51(4):840-4

Nonlinear increases in diffusing capacity during exercise by seated and supine subjects. Stokes DL, et al. **J Appl Physiol** 1981 Oct; 51(4):858-63

Respiration in exercising fowl. I. Oxygen consumption, respiratory rate and respired gases. Brackenbury JH, et al. **J Exp Biol** 1981 Aug;93:317-25

The interaction of aging and endurance exercise upon the mitochondrial function of skeletal muscle. Farrar RP, et al. **J Gerontol** 1981 Nov;36(6):642-7

Effects of aerobic training on reactive capacity: an animal model. Spirduso WW, et al. **J Gerontol** 1981 Nov;36(6):654-62

Stereological methods in cell biology: where are we—where are we going? Weibel ER. **J Histochem Cytochem** 1981 Sep; 29(9):1043-52

Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. Araki T, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):69-80

Prediction of maximal oxygen intake over a wide range of air temperature conditions. Sato M, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):81-9

Characteristics of well-trained athletes in prolonged exercise from the viewpoint of aerobic power. Shibayama H, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):55-68

Effects of toeclip use on metabolic and cardiopulmonary responses to bicycle ergometer exercise. Wilde SW, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):47-54

Maximal expiratory flow-volume relationships before and after eight weeks of endurance training. Farrell PA. **J Sports Med Phys Fitness** 1981 Jun;21(2):145-9

The effects of competitive road-racing on the body composition, pulmonary function, and cardiovascular system of sport cyclists. Perez HR. **J Sports Med Phys Fitness** 1981 Jun;21(2):165-72

The veteran athlete. An exercise testing electrocardiographic, thorax x-ray and echocardiographic study. Serra Grima JR, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):122-9

A physiological profile of the Canadian judo team. Taylor AW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):160-4

Continuous treadmill walking versus intermittent treadmill running as maximal exercise tests for young competitive swimmers. Zauner CW, et al. **J Sports Med Phys Fitness** 1981 Jun; 21(2):173-8

Physiological alterations in young swimmers during three years of intensive training. Zauner CW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):179-85

Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. Woodcock AA, et al. **N Engl J Med** 1981 Dec 31;305(27):1611-6

Riboflavin-responsive lipid myopathy and carnitine deficiency. Carroll JE, et al. **Neurology (NY)** 1981 Dec;31(12):1557-9

Effect of physical training on exercise performance of children following surgical repair of congenital heart disease. Goldberg B, et al. **Pediatrics** 1981 Nov;68(5):691-9

Maximal exercise testing: prognostic value for assessment of coronary heart disease risk. Bruce RA. **Postgrad Med** 1981 Dec; 70(6):161-8

The effect of two levels of muscular work on urinary creatinine excretion. Riley WW Jr, et al. **Res Q Exerc Sport** 1981 Oct; 52(3):339-47

Gas exchange during bicycle exercises preceded or not by loadless pedalling in female and male subjects. Maillard D, et al. **Respir Physiol** 1981 Aug;45(2):201-16

Human adipose tissue blood flow during prolonged exercise, III. Effect of beta-adrenergic blockade, nicotinic acid and glucose infusion. Bülow J. **Scand J Clin Lab Invest** 1981 Jun; 41(4):415-24

Muscle metabolism during exercise in men operated upon for coarctation of the aorta in childhood. Eriksson BO, et al. **Scand J Clin Lab Invest** 1981 Apr;41(2):135-41

The changes in left ventricular function during multistage bicycle supine exercise testing. Lee YT. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):653-72

Effectiveness of a breath during exercise in a hyperbaric environment. Van Liew HD, et al. **Undersea Biomed Res** 1981 Sep;8(3):147-61

A study of fitness and cardiovascular risk factors in male office workers. Quaal SJ. **West J Nurs Res** 1981 Summer;3(3):9-24

[A study of maximal oxygen consumption during treadmill exercise in healthy Chinese (author's transl)] Ho BL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1981 Jul;80(7):712-7 (Eng. Abstr.) **(Chi)**

[The influence of graduated treadmill exercise on plasma catecholamines, aerobic and anaerobic capacity in boys and adults] Lehmann M, et al. **Eur J Applied Physiol** 1981; 47(3):301-11 (Eng. Abstr.) **(Ger)**

[Oxygen consumption of the respiratory muscles in increased respiratory resistance] Bühlmann AA, et al. **Schweiz Med Wochenschr** 1981 Nov 14;111(46):1752-6 (Eng. Abstr.) **(Ger)**

[Adaptation to chronic hypoxia at various altitudes] Baroni P. **Minerva Med** 1981 Oct 6;72(38):2549-56 (Eng. Abstr.) **(Ita)**

[Work of breathing during high altitude exercise] Maculotti L. **Minerva Med** 1981 Oct 6;72(38):2557-64 (Eng. Abstr.) **(Ita)**

[Comparison of angina pectoris induced by upright and recumbent exercise- using systolic time intervals and the indices for myocardial oxygen consumption (author's transl)] Tajima N. **Nippon Ika Daigaku Zasshi** 1981 Apr;48(2):178-97 (Eng. Abstr.) **(Jpn)**

[Hemodynamics and oxygen supply after physical exertion in ischemic heart disease as related to blood cholesterol and triglyceride levels] Ianovskii GV, et al. **Ter Arkh** 1981; 53(8):34-8 (Eng. Abstr.) **(Rus)**

PATELLA

Lucent articular lesion in the lateral femoral condyle: source of patellar femoral pain in the athletic adolescent. Cayea PD, et al. **AJR** 1981 Dec;137(6):1145-9

Patellar tendon avulsion as a complication of Osgood-Schlatter's disease. Bowers KD Jr. **Am J Sports Med** 1981 Nov-Dec; 9(6):356-9

Management of patellar malalignment. Ketteikamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344-8 (45 ref.)

Does Osgood--Schlatter disease influence the position of the patella? Jakob RP, et al. **J Bone Joint Surg [Br]** 1981; 63B(4):579-82

PEAK EXPIRATORY FLOW RATE

The importance of ventilation in exercise-induced asthma. Bundgaard A, et al. **Allergy** 1981 Aug;36(6):385-9

Observations on the clinical pharmacology and plasma concentrations of diacetolol, the major human metabolite of acebutolol. Ohashi K, et al. **Br J Clin Pharmacol** 1981 Oct; 12(4):561-5

Prazosin, an alpha 1-adrenoceptor antagonist, partially inhibits exercise-induced asthma. Barnes PJ, et al. **J Allergy Clin Immunol** 1981 Dec;68(6):411-5

Effect of swimming on forced expiration and sputum clearance in cystic fibrosis. Zach MS, et al. **Lancet** 1981 Nov 28; 2(8257):1201-3

Effects of physical training on plasma citrate and exercise-induced asthma. Henriksen JM, et al. **Scand J Clin Lab Invest** 1981 May; 41(3):225-9

Circulating catecholamines in exercise and hyperventilation induced asthma. Barnes PJ, et al. **Thorax** 1981 Jun; 36(6):435-40

PELVIC BONES

Acute hematogenous pelvic osteomyelitis in athletes. Hedström SA, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):44-6

PERIPHERAL NERVES

Anatomy of backpack-strap injury [letter] Johnson RJ. **N Engl J Med** 1981 Dec 24;305(26):1594

PERONEAL NERVE

'Hunkering'; and peroneal palsy [letter] Massey EW, et al. **Muscle Nerve** 1981 Sep-Oct;4(5):445

PHENCYCLIDINE

Phencyclidine ingestion: drug abuse and psychosis. Jacob MS, et al. **Int J Addict** 1981 May;16(4):749-58

PHENCYCLIDINE ABUSE

Phencyclidine ingestion: drug abuse and psychosis. Jacob MS, et al. **Int J Addict** 1981 May;16(4):749-58

PHONOCARDIOGRAPHY

Significance and reproducibility of exercise-related idiopathic ventricular arrhythmias. Sonnhag C, et al. **Eur Heart J** 1980 Jun; 1(3):183-93

PHYSICAL EDUCATION AND TRAINING

Adaptive changes in work capacity, skeletal muscle capillarization and enzyme levels during training and detraining. Klausen K, et al. **Acta Physiol Scand** 1981 Sep;113(1):9-16

Skeletal muscle fibre characteristics in young women. Nygaard E. **Acta Physiol Scand** 1981 Jul;112(3):299-304

Effect of beta-adrenergic receptor blockade on development of training-induced bradycardia in rats. Nylander E. **Acta Physiol Scand** 1981 Aug;112(4):449-54

Effect of beta-adrenergic blockade on maximal oxygen uptake in trained males. Tesch PA, et al. **Acta Physiol Scand** 1981 Jul; 112(3):351-2

Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Thompson PD, et al. **Am J Cardiol** 1981 Nov;48(5):844-50

Dermo-distortive urticaria: an autosomal dominant dermatologic disorder. Epstein PA, et al. **Am J Med Genet** 1981; 9(4):307-15

Weight training-related injuries in the high school athlete. Brady TA, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):1-5

Effect of interval training and detraining on anaerobic fitness in women. Ready AE, et al. **Can J Appl Sport Sci** 1981 Sep; 6(3):114-8

Exercise-induced bronchospasm - pathophysiology and treatment. Shephard RJ. **Can J Appl Sport Sci** 1981 Sep;6(3):101-8 (177 ref.)

Effect of oral propranolol on the anerobic threshold and maximum exercise performance in normal man. Hughson RL, et al. **Can J Physiol Pharmacol** 1981 Jun;59(6):567-73

Physical activity and persons with disabilities. Edwards P. **Can J Public Health** 1981 May-Jun;72(3):170-1

Noninvasive evaluation of exercise training in college-age men. Adams TD, et al. **Circulation** 1981 Nov;64(5):958-65

Serumlipoprotein cholesterol in sedentary and trained male patients with coronary heart disease. Berg A, et al. **Clin Cardiol** 1981 Sep-Oct;4(5):233-7

Beneficial effects of exercise and current concepts in adult fitness. Camaione DN, et al. **Conn Med** 1981 Oct;45(10):620-5

Physical education and the handicapped. Ersing WF. **Conn Med** 1981 Sep;45(9):578-82

Physical fitness in children: implications for the prevention of coronary artery disease. Rowland TW. **Curr Probl Pediatr** 1981 Jul;11(9):1-54 (184 ref.)

Feeding patterns of endurance athletes. Kirsch KA, et al. **Eur J Applied Physiol** 1981;47(2):197-208

Specificity of the anaerobic threshold in endurance trained cyclists and runners. Withers RT, et al. **Eur J Applied Physiol** 1981; 47(1):93-104

An in-skate training brace for young beginning ice skaters. Hunter WN, et al. **J Am Podiatry Assoc** 1981 Nov;71(11):643-5

Plasma norepinephrine response to exercise before and after training in humans. Péronnet F, et al. **J Appl Physiol** 1981 Oct; 51(4):812-5

Autonomic mechanisms of training bradycardia: beta-adrenergic receptors in humans. Williams RS, et al. **J Appl Physiol** 1981 Nov;51(5):1232-7

Noninvasive assessment of T-wave abnormalities on precordial electrocardiograms in middle-aged professional bicyclists. Nishimura T, et al. **J Electrocardiol** 1981 Oct;14(4):357-64

Effects of aerobic training on reactive capacity: an animal model. Spirduso WW, et al. **J Gerontol** 1981 Nov;36(6):654-62

Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. Araki T, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):69-80

Characteristics of well-trained athletes in prolonged exercise from the viewpoint of aerobic power. Shibayama H, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):55-68

Health education... a separate and unique discipline. Cobb RS. **J Sch Health** 1981 Nov;51(9):603-4

Maximal expiratory flow-volume relationships before and after eight weeks of endurance training. Farrell PA. **J Sports Med Phys Fitness** 1981 Jun;21(2):145-9

Some observations on strength training and assessment. Gregory LW. **J Sports Med Phys Fitness** 1981 Jun;21(2):130-7

Effect of training on blood pressure and heart rate measured continuously during exercise. Man-I M, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):97-112

Serum concentrations of myoglobin, creatine phosphokinase and lactic dehydrogenase after exercise in trained and untrained athletes. Roti S, et al. **J Sports Med Phys Fitness** 1981 Jun; 21(2):113-8

A study of age and participation in different physical activities. Sodhi HS. **J Sports Med Phys Fitness** 1981 Jun;21(2):150-5

Physiological alterations in young swimmers during three years of intensive training. Zauner CW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):179-85

Preoperative physical training for cardiac patients requiring non-cardiac surgery. Asoh T, et al. **Jpn J Surg** 1981; 11(4):251-5

Effect of physical training on exercise performance of children following surgical repair of congenital heart disease. Goldberg B, et al. **Pediatrics** 1981 Nov;68(5):691-9

Effects of an integrated physical education/music program in changing early childhood perceptual-motor performance. Brown J, et al. **Percept Mot Skills** 1981 Aug;53(1):151-4

Teachers' expectations for handicapped and non-handicapped children in mainstreamed physical education classes. Martinek TJ, et al. **Percept Mot Skills** 1981 Aug;53(1):327-30

Effects of running and of an exercise class on anxiety. Wilson VE, et al. **Perspect Pediatr Pathol** 1981 Oct;53(2):472-4

Relationship between working environment, self-concept, real-ideal self discrepancy, and functionality in physical education teachers. Holmen MG, et al. **Res Q Exerc Sport** 1981 Oct;52(3):311-23

Pulmonary changes during marathon training: a longitudinal study. Kaufmann DA, et al. **Respiration** 1981;41(4):217-23

[The year 1980—the year of the Czechoslovak Spartakiad and Moscow Olympiad (author's transl)] Rouš J. **Cas Lek Cesk** 1981 Apr 23;120(16):465-9 (Eng. Abstr.) **(Cze)**

[The effect of exercise programs in the elderly] Wulp MA, et al. **Gerontologie** 1981 Nov;12(4):202-11 (Eng. Abstr.) **(Dut)**

[Vectorcardiographic criteria of ventricular hypertrophy in a population of athletes] Chignon JC, et al. **Arch Mal Coeur** 1981

PHYSICAL EDUCATION AND

Sep;74(9):1099-105 (Eng. Abstr.) (Fre)

[Treatment of intermittent claudication by physical training. Techniques and place of reeducation (author's transl)] Franco A, et al. **J Mal Vasc** 1981;6(1):6-7 (Eng. Abstr.) (Fre)

[Physical training in high altitude] Moret PR, et al. **Schweiz Med Wochenschr** 1981 Nov 7;111(45):1693-6 (Eng. Abstr.) (Fre)

[Criteria for physical fitness] Arndt KH. **Beitr Orthop Traumatol** 1981 Sep;28(9):469-77 (Eng. Abstr.) (Ger)

[Rehabilitation in an ambulatory coronary training group. A longitudinal study of 5 years after a Hamburg model] Sperhake L, et al. **Fortschr Med** 1981 Nov 19;99(43):1777-81 (Eng. Abstr.) (Ger)

[Early functional evaluation and physical rehabilitation in patients with wide myocardial infarction (author's transl)] Vecchio C, et al. **G Ital Cardiol** 1981;11(4):419-29 (Eng. Abstr.) (Ita)

[Neuropsychological training in the rehabilitative treatment of the adult hemiplegic] Cruccu G, et al. **Riv Neurobiol** 1980 Jan-Mar;26(1):50-5 (Eng. Abstr.) (Ita)

[Physical training as one of the factors of rehabilitation of patients in the early stages of cardiac insufficiency] Krol VA. **Ter Arkh** 1981;53(8):85-7 (Eng. Abstr.) (Rus)

[Effect of physical training on lipid and lipoprotein metabolism in persons of different ages] Bogush SV, et al. **Vrach Delo** 1981 Sep;(9):51-3 (Eng. Abstr.) (Rus)

PHYSICAL ENDURANCE

Adaptive changes in work capacity, skeletal muscle capillarization and enzyme levels during training and detraining. Klausen K, et al. **Acta Physiol Scand** 1981 Sep;113(1):9-16

Biochemical adaptation of mitochondria, muscle, and whole-animal respiration to endurance training. Davies KJ, et al. **Arch Biochem Biophys** 1981 Jul;209(2):539-54

Relevance of muscle fibre type to fatigue in short intense and prolonged exercise in man. Karlsson J, et al. **Ciba Found Symp** 1981;(82):59-74

The glucose/fatty acid cycle and physical exhaustion. Newsholme EA. **Ciba Found Symp** 1981;(82):89-101

The effect totigestational exposure to methyl n-butyl ketone has on postnatal development and behavior. Peters MA, et al. **Ecotoxicol Environ Safety** 1981 Sep;5(3):291-306

Physiological and metabolic effects of a 25 km race in female athletes. Haralambie G, et al. **Eur J Applied Physiol** 1981;47(2):123-31

Fluid control mechanisms after exercise dehydration. Kirsch KA, et al. **Eur J Applied Physiol** 1981;47(2):191-6

Feeding patterns of endurance athletes. Kirsch KA, et al. **Eur J Applied Physiol** 1981;47(2):197-208

Effects of repeated fatiguing rhythmical hand work. Kobryn U, et al. **Eur J Applied Physiol** 1981;47(3):271-9

The effect of deep muscle temperature on the cardiovascular responses of man to static effort. Petrofsky JS, et al. **Eur J Applied Physiol** 1981;47(1):7-16

Specificity of the anaerobic threshold in endurance trained cyclists and runners. Withers RT, et al. **Eur J Applied Physiol** 1981;47(1):93-104

The amphetamine margin in sports. Laties VG, et al. **Fed Proc** 1981 Oct;40(12):2689-92

Anabolic steroids are fool's gold. Ryan AJ. **Fed Proc** 1981 Oct;40(12):2682-8 (63 ref.)

Voluntary muscular contraction with reference to agricultural tasks. Nag PK, et al. **Indian J Med Res** 1981 Jul;74:111-9

Exercise performance and adaptive modifications in the thermoregulatory system. Brück K, et al. **Int J Biometeorol** 1980 Dec;24 Suppl 2:42-53

Endurance training in the rat. II. Performance of isolated and intact heart. Fuller EO, et al. **J Appl Physiol** 1981 Oct;51(4):941-7

Endurance training in the rat. I. Myocardial mechanics and biochemistry. Nutter DO, et al. **J Appl Physiol** 1981 Oct;51(4):934-40

Fitness evaluation and exercise prescription. Mead WF, et al. **J Fam Pract** 1981 Dec;13(7):1039-50

Elevation of hemoglobin and work tolerance in iron-deficient subjects. Edgerton VR, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(2):77-86

Work capacity after iron treatment as a function of hemoglobin and iron deficiency. Ohira Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(2):87-96

Maximal expiratory flow-volume relationships before and after eight weeks of endurance training. Farrell PA. **J Sports Med Phys Fitness** 1981 Jun;21(2):145-9

A physiological profile of the Canadian judo team. Taylor AW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):160-4

Exercise and lipid metabolism. Oscai LB. **Prog Clin Biol Res** 1981;67:383-90 (65 ref.)

A psychophysiological assessment of elite wrestlers. Silva JM 3d, et al. **Res Q Exerc Sport** 1981 Oct;52(3):348-58

Relationship of high density lipoprotein cholesterol concentration to the duration and intensity of endurance training. Myhre K, et al. **Scand J Clin Lab Invest** 1981 May;41(3):305-9

[The stability of blood glucose under physical stress in relation to carbohydrate reducing diet, alcohol and training] Schürch PM, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):77-80 (Eng. Abstr.) (Ger)

[Thermal and climatic indications in sports medicine] Rotondo G. **Riv Med Aeronaut Spaz** 1980 Jul-Dec;43(3-4):199-211 (Eng. Abstr.) (Ita)

[Quantitative evaluation of the clinical manifestations of motion sickness] Galle RR. **Kosm Biol Aviakosm Med** 1981;15(3):72-5 (Eng. Abstr.) (Rus)

PHYSICAL EXAMINATION

Recurrent compartment syndrome in the posterior thigh. Report of a case. Raether PM, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):40-3

Secondary reconstruction of the lateral ligaments of the ankle. Leach RE, et al. **Clin Orthop** 1981;(160):201-11

PHYSICAL FITNESS

Data on muscle fibre conversion and fibre splitting in man. Fekete G, et al. **Acta Physiol Acad Sci Hung** 1981;57(2):163-70

Longitudinal comparison of aerobic power in active and inactive boys aged 7.0 to 17.0 years. Mirwald RL, et al. **Ann Hum Biol** 1981 Sep-Oct;8(5):405-14

Physical fitness as a facilitating factor in nursing. Clark LA. **Assertive Nurse** 1980 May;3(3):3-5

Effect of interval training and detraining on anaerobic fitness in women. Ready AE, et al. **Can J Appl Sport Sci** 1981 Sep;6(3):114-8

The effect of age on heart rate in subjects free of heart disease. Studies by ambulatory electrocardiography and maximal exercise stress test. Kostis JB, et al. **Circulation** 1982 Jan;65(1):141-5

Beneficial effects of exercise and current concepts in adult fitness. Camaione DN, et al. **Conn Med** 1981 Oct;45(10):620-5

Physical fitness in children: implications for the prevention of coronary artery disease. Rowland TW. **Curr Probl Pediatr** 1981 Jul;11(9):1-54 (184 ref.)

Way of life as a determinant of physical fitness. Epstein Y, et al. **Eur J Applied Physiol** 1981;47(1):1-5

Smoking, respiratory symptoms and ventilatory capacity in young men. Kujala P. **Eur J Respir Dis [Suppl]** 1981;62(114):1-55

Fitness evaluation and exercise prescription. Mead WF, et al. **J Fam Pract** 1981 Dec;13(7):1039-50

Effects of aerobic training on reactive capacity: an animal model. Spirduso WW, et al. **J Gerontol** 1981 Nov;36(6):654-62

Swimming and physical fitness during pregnancy. Sibley L, et al. **J Nurse Midwife** 1981 Nov-Dec;26(6):3-12

Physical activity as a therapy for psychopathology: a reappraisal. Browman CP. **J Sports Med Phys Fitness** 1981 Jun;21(2):192-7

The effects of competitive road-racing on the body composition, pulmonary function, and cardiovascular system of sport cyclists. Perez HR. **J Sports Med Phys Fitness** 1981 Jun;21(2):165-72

The veteran athlete. An exercise testing electrocardiographic, thorax x-ray and echocardiographic study. Serra Grima JR, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):122-9

Sleep deprivation and physical fitness in young and older subjects. Webb WB, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):198-202

Physiological alterations in young swimmers during three years of intensive training. Zauner CW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):179-85

Effects of the sauna [letter] Searle AJ. **JAMA** 1982 Jan 1;247(1):28

Planning the employee fitness program. Nast PF, et al. **Occup Health Saf** 1981 Oct;50(10):27-9, 52

Personality and injury in competitive runners. Valliant PM. **Percept Mot Skills** 1981 Aug;53(1):251-3

Heart rate discrimination before and after exercise-induced augmented cardiac activity. Jones GE, et al. **Psychophysiology** 1981 May;18(3):252-7

Effects of physical training on plasma citrate and exercise-induced asthma. Henriksen JM, et al. **Scand J Clin Lab Invest** 1981 May;41(3):225-9

Physical fitness—definition and assessment. Keong GC. **Singapore Med J** 1981 Jun;22(3):176-82

A study of fitness and cardiovascular risk factors in male office workers. Quaal SJ. **West J Nurs Res** 1981 Summer;3(3):9-24

[The year 1980—the year of the Czechoslovak Spartakiad and Moscow Olympiad (author's transl)] Rouš J. **Cas Lek Cesk** 1981 Apr 23;120(16):465-9 (Eng. Abstr.) (Cze)

[Important activities for a healthy life style in the adult population] Novák Z. **Cesk Zdrav** 1981 Oct;29(10):416-25 (Eng. Abstr.) (Cze)

[The effect of exercise programs in the elderly] Wulp MA, et al. **Gerontologie** 1981 Nov;12(4):202-11 (Eng. Abstr.) (Dut)

[Symptomatology manifesting cancer of the kidney in adults. Review of 184 observations] Cukier J, et al. **Acta Urol Belg** 1981 Jul;49(3):259–62 (Eng. Abstr.) (Fre)

[The age-related decrease in performance capacity and how it is influenced in animal experiments (author's transl)] Hofecker G, et al. **Aktuel Gerontol** 1981 Nov;11(6):188–94 (Eng. Abstr.) (Ger)

[Methodical experiences for registration of parameters under ergometric loads of children and young people (author's transl)] Brauer BM. **Arztl Jugendkd** 1981;72(5):289–91 (Eng. Abstr.) (Ger)

[Criteria for physical fitness] Arndt KH. **Beitr Orthop Traumatol** 1981 Sep;28(9):469–77 (Eng. Abstr.) (Ger)

[Studies on differences in the preventive effects of habitual physical activity in occupation versus leisure time. II. Effects of physical activity in occupation versus leisure time on physical working capacity (author's transl)] Ilmarinen J, et al. **Int Arch Occup Environ Health** 1981;49(1):1–12 (Eng. Abstr.) (Ger)

[Influence of body weight reduction on physical capability] Müller W, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):89–96 (Eng. Abstr.) (Ger)

[Risks of physiotherapeutical intervention in pre-clinical geriatrics (author's transl)] Lang E. **ZFA (Dresden)** 1981;36(2):117–24 (Eng. Abstr.) (Ger)

[Effect of sports on posture in schoolchildren] Bednarek J. **Chir Narzadow Ruchu Ortop Pol** 1981;46(2):165–7 (Eng. Abstr.) (Pol)

[Physical fitness of children aged 11–14 years with multijoint laxity] Meller B, et al. **Chir Narzadow Ruchu Ortop Pol** 1981; 46(2):139–41 (Eng. Abstr.) (Pol)

[Personality characteristics and tolerance to exertion in patients with post-infarct cardiosclerosis] Beliakova NA. **Ter Arkh** 1981; 53(8):38–41 (Eng. Abstr.) (Rus)

PLETHYSMOGRAPHY, WHOLE BODY

Exercise-induced asthma – a comparison between two modes of exercise stress. Inbar O, et al. **Eur J Respir Dis** 1981 Jun; 62(3):160–7

PROPRANOLOL

Combined therapy with verapamil and propranolol in chronic stable angina. Subramanian B, et al. **Am J Cardiol** 1982 Jan; 49(1):125–32

The combination of nifedipine and propranolol in the management of patients with angina pectoris. Tweddel AC, et al. **Br J Clin Pharmacol** 1981 Aug;12(2):229–33

Effect of oral propranolol on the anerobic threshold and maximum exercise performance in normal man. Hughson RL, et al. **Can J Physiol Pharmacol** 1981 Jun;59(6):567–73

Relevance of muscle fibre type to fatigue in short intense and prolonged exercise in man. Karlsson J, et al. **Ciba Found Symp** 1981;(82):59–74

Demonstration of training effect during chronic beta-adrenergic blockade in patients with coronary artery disease. Pratt CM, et al. **Circulation** 1981 Dec;64(6):1125–9

Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Rainwater J, et al. **Circulation** 1982 Jan;65(1):77–81

Sympathetic nervous system response to graded exercise: effect of beta-blockade. Barontini MB, et al. **Hypertension** 1981 Nov–Dec;3(6 Pt 2):II–155–9

Transient pathological Q waves in the electrocardiogram induced by exercise. Chacko KA, et al. **Indian Heart J** 1981 May–Jun; 33(3):109–13

Effect of beta-adrenergic blockade on respiratory and metabolic responses to exercise. Twentyman OP, et al. **J Appl Physiol** 1981 Oct;51(4):788–93

Left ventricular ejection fraction and its response to therapy in essential hypertension. Blaufox MD, et al. **Nephron** 1981; 28(3):112–7

Human adipose tissue blood flow during prolonged exercise, III. Effect of beta-adrenergic blockade, nicotinic acid and glucose infusion. Bülow J. **Scand J Clin Lab Invest** 1981 Jun; 41(4):415–24

Effects of exercise on urinary excretion of albumin and beta 2-microglobulin in young patients with mild essential hypertension without treatment and during long-term propranolol treatment. Pedersen EB, et al. **Scand J Clin Lab Invest** 1981 Sep;41(5):493–8

[The heart rate decreasing activity of the beta-blocker propranolol in various types of tachycardia in conscious dogs (author's transl)] Lehmann HD. **DTW** 1981 Jun 5;88(6):239–41 (Eng. Abstr.) (Ger)

[Chronic administration of beta blocking agents: left ventricular hemodynamics in myocardial infarctions during exercise (author's transl)] Blümchen G, et al. **Z Kardiol** 1981 Sep;70(9):678–86 (Eng. Abstr.) (Ger)

PROTECTIVE DEVICES

An analysis of roller skating injuries. Ferkel RD, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):24–30

Performance of baseball headgear. Goldsmith W, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):31–7

Ocular sports injuries. Standards of protection and prevention. I. Applications of protective principles from industry. Keeney AH. **Int Ophthalmol Clin** 1981 Winter;21(4):163–9

Ocular sports injuries. Principles of protection. Vinger PF. **Int Ophthalmol Clin** 1981 Winter;21(4):149–61

Injuries in professional boxing. Their treatment and prevention. Whiteson AL. **Practitioner** 1981 Jul;225(1357):1053–7

PULMONARY DIFFUSING CAPACITY

Changes in exhaled pulmonary diffusing capacity at rest and exercise in individuals with impaired positional diffusion. McClean PA, et al. **Bull Eur Physiopathol Respir** 1981; 17(2):179–86

Pulmonary function assessment for determination of pulmonary impairment and disability evaluation. Miller WF, et al. **Clin Chest Med** 1981 Sep;2(3):327–41 (101 ref.)

Physical exercise in 'pulmonary fibrosis'. Arita K, et al. **Hiroshima J Med Sci** 1981 Jun;30(2):149–59

Nonlinear increases in diffusing capacity during exercise by seated and supine subjects. Stokes DL, et al. **J Appl Physiol** 1981 Oct; 51(4):858–63

PULMONARY WEDGE PRESSURE

Correlation of early hemodynamics during myocardial infarction and subsequent exercise testing. Cintrón G, et al. **Bol Asoc Med PR** 1981 Jul;73(7):316–20

Pulmonary blood volume ratio response to exercise; a noninvasive determination of exercise-induced changes in pulmonary capillary wedge pressure. Okada RD, et al. **Circulation** 1982 Jan; 65(1):126–33

PULSE

Anxiety, anger, and neurogenic tone at rest and in stress in patients with primary hypertension. Sullivan P, et al. **Hypertension** 1981 Nov–Dec;3(6 Pt 2):II–119–23

The covariation of blood pressure and pulse transit time in hypertensive patients. Allen RA, et al. **Psychophysiology** 1981 May;18(3):301–6

Relationships of pulse transmission times to pre-ejection period and blood pressure. Newlin DB. **Psychophysiology** 1981 May; 18(3):316–21

[Influence of sport on the cardiovascular system in pregnancy (author's transl)] Gastl G, et al. **Wien Med Wochenschr** 1981 Aug 31;131(15–16):383–5 (Eng. Abstr.) (Ger)

[Latent and exertion cardiac insufficiency—an indication for nitrates] Olthoff KH, et al. **Z Gesamte Inn Med** 1981 Sep 15; 36(18):644–9 (Eng. Abstr.) (Ger)

PYRIDOXINE

The effect of vitamin B6 on muscle fatigue. Richardson JH, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):119–21

REGIONAL BLOOD FLOW

Blood flow in 'red' and "white' calf muscles in cats during isometric and isotonic exercise. Bonde-Petersen F, et al. **Acta Physiol Scand** 1981 Jul;112(3):243–51

Effects of experimental volume-overload hypertrophy on myocardial blood flow and cardiac function. Badke FR, et al. **Am J Physiol** 1981 Oct;241(4):H564–70

Functional evaluation of coronary collateral development in conscious dogs. Tomoike H, et al. **Am J Physiol** 1981 Oct; 241(4):H519–24

Changes in exhaled pulmonary diffusing capacity at rest and exercise in individuals with impaired positional diffusion. McClean PA, et al. **Bull Eur Physiopathol Respir** 1981; 17(2):179–86

Autonomic regulation of cardiovascular function in neonates. Gootman PM, et al. **Ciba Found Symp** 1980 Oct;(83):70–93

Blood flow measurement during exercise in sheep using Doppler ultrasonic method. Carter J, et al. **Med Biol Eng Comput** 1981 May;19(3):373–6

[Study of variations in the regional blood volume in the limbs under effort or thermal stress in arterial conditions (author's transl)] Ancri D, et al. **J Mal Vasc** 1981;6(1):61–5 (Eng. Abstr.) (Fre)

[Study of peripheral arterial circulation using mechanical oscillography in hemipareses and hemiplegias during kinesitherapy] Stanić R, et al. **Med Pregl** 1981;34(1–2):35–41

REGIONAL BLOOD FLOW

(Eng. Abstr.) (Scr)

RELAXATION

The covariation of blood pressure and pulse transit time in hypertensive patients. Allen RA, et al. **Psychophysiology** 1981 May;18(3):301-6

RESPIRATION

Leg blood flow during exercise in man in relation to muscle fibre composition. Frisk-Holmberg M, et al. **Acta Physiol Scand** 1981 Jul;112(3):339-42

The importance of ventilation in exercise-induced asthma. Bundgaard A, et al. **Allergy** 1981 Aug;36(6):385-9

Longitudinal comparison of aerobic power in active and inactive boys aged 7.0 to 17.0 years. Mirwald RL, et al. **Ann Hum Biol** 1981 Sep-Oct;8(5):405-14

A study of unusual incidents in a well-documented series of dives. Leitch DR. **Aviat Space Environ Med** 1981 Oct;52(10):618-24

Observations on the clinical pharmacology and plasma concentrations of diacetolol, the major human metabolite of acebutolol. Ohashi K, et al. **Br J Clin Pharmacol** 1981 Oct; 12(4):561-5

Breathing during exercise in airway obstruction. Jones NL. **Bull Eur Physiopathol Respir** 1981;17(5):737-9

Changes in exhaled pulmonary diffusing capacity at rest and exercise in individuals with impaired positional diffusion. McClean PA, et al. **Bull Eur Physiopathol Respir** 1981; 17(2):179-86

Spirometry and gas exchange in chronic pulmonary thromboembolism. Riedel M, et al. **Bull Eur Physiopathol Respir** 1981;17(2):209-21

Respiratory drive during exercise in chronic obstructive lung disease. Sergysels R, et al. **Bull Eur Physiopathol Respir** 1981; 17(5):755-66

Chemical breathing controls: slow, intermediate and fast. Filley GF, et al. **Clin Chest Med** 1980 Jan;1(1):13-32 (114 ref.)

Respiratory control in chronic obstructive pulmonary diseases. Park SS. **Clin Chest Med** 1980 Jan;1(1):73-84 (73 ref.)

Methods to assess breathlessness in healthy subjects: a critical evaluation and application to analyse the acute effects of diazepam and promethazine on breathlessness induced by exercise or by exposure to raised levels of carbon dioxide. Stark RD, et al. **Clin Sci** 1981 Oct;61(4):429-39

Effects of positive and negative exercise on ventilatory CO2 sensitivity. Hulsbosch MA, et al. **Eur J Applied Physiol** 1981; 47(1):73-81

Relation between pedalling- and breathing rhythm. Kohl J, et al. **Eur J Applied Physiol** 1981;47(3):223-37

Specificity of the anaerobic threshold in endurance trained cyclists and runners. Withers RT, et al. **Eur J Applied Physiol** 1981; 47(1):93-104

Exercise-induced asthma - a comparison between two modes of exercise stress. Inbar O, et al. **Eur J Respir Dis** 1981 Jun; 62(3):160-7

Smoking, respiratory symptoms and ventilatory capacity in young men. Kujala P. **Eur J Respir Dis [Suppl]** 1981;62(114):1-55

Respiratory and stepping frequencies in conscious exercising cats. Iscoe S. **J Appl Physiol** 1981 Oct;51(4):835-9

Effect of beta-adrenergic blockade on respiratory and metabolic responses to exercise. Twentyman OP, et al. **J Appl Physiol** 1981 Oct;51(4):788-93

Respiration in exercising fowl. II. Respiratory water loss and heat balance. Brackenbury JH, et al. **J Exp Biol** 1981 Aug; 93:327-32

Respiration in exercising fowl. I. Oxygen consumption, respiratory rate and respired gases. Brackenbury JH, et al. **J Exp Biol** 1981 Aug;93:317-25

Prediction of maximal oxygen intake over a wide range of air temperature conditions. Sato M, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):81-9

Characteristics of well-trained athletes in prolonged exercise from the viewpoint of aerobic power. Shibayama H, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):55-68

Relative contributions of chemical and non-chemical drives to the breath-holding time in breath-hold divers (Ama). Honda Y, et al. **Jpn J Physiol** 1981;31(2):181-6

The ventilatory responses to hypoxia and hypercapnia in the Ama. Masuda Y, et al. **Jpn J Physiol** 1981;31(2):187-97

Transient changes in ventilation and cardiac output at the start and end of exercise. Miyamoto Y, et al. **Jpn J Physiol** 1981; 31(2):153-68

Ventilatory response to CO2 rebreathing at rest in the ama. Miyamura M, et al. **Jpn J Physiol** 1981;31(3):423-6

Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. Woodcock AA, et al. **N Engl J Med** 1981 Dec 31;305(27):1611-6

Respiratory muscle function, assessment, and training. Shaffer TH, et al. **Phys Ther** 1981 Dec;61(12):1711-23

Gas exchange during bicycle exercises preceded or not by loadless pedalling in female and male subjects. Maillard D, et al. **Respir Physiol** 1981 Aug;45(2):201-16

Pulmonary changes during marathon training: a longitudinal study. Kaufmann DA, et al. **Respiration** 1981;41(4):217-23

Functional and biochemical responses of children with progressive muscular dystrophy on standard physical exertion. Nesvadba Z, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1981;24(2):215-52

Muscle metabolism during exercise in men operated upon for coarctation of the aorta in childhood. Eriksson BO, et al. **Scand J Clin Lab Invest** 1981 Apr;41(2):135-41

Hyperventilation of exercise to induce asthma? Tweeddale PM, et al. **Thorax** 1981 Aug;36(8):596-8

Effectiveness of a breath during exercise in a hyperbaric environment. Van Liew HD, et al. **Undersea Biomed Res** 1981 Sep;8(3):147-61

[The effect of exercise programs in the elderly] Wulp MA, et al. **Gerontologie** 1981 Nov;12(4):202-11 (Eng. Abstr.) (Dut)

[Studies on differences in the preventive effects of habitual physical activity in occupation versus leisure time. II. Effects of physical activity in occupation versus leisure time on physical working capacity (author's transl)] Ilmarinen J, et al. **Int Arch Occup Environ Health** 1981;49(1):1-12 (Eng. Abstr.) (Ger)

[Evaluations of respiratory functional parameters in sponge fishers from the island of Kalimnos (Greece)] Data PG, et al. **Boll Soc Ital Biol Sper** 1981 Aug 30;57(16):1727-30 (Eng. Abstr.) (Ita)

RESPIRATORY AIRFLOW

Spirometry and gas exchange in chronic pulmonary thromboembolism. Riedel M, et al. **Bull Eur Physiopathol Respir** 1981;17(2):209-21

A model for the relation between respiratory neural and mechanical outputs. I. Theory. Younes M, et al. **J Appl Physiol** 1981 Oct; 51(4):963-78

Ventilatory pattern during handgrip on normal man. Bosisio E, et al. **Respiration** 1981;42(2):84-7

RESPIRATORY FUNCTION TESTS

The importance of ventilation in exercise-induced asthma. Bundgaard A, et al. **Allergy** 1981 Aug;36(6):385-9

The effect of ipratropium on exercise-induced bronchoconstriction. Wolkove N, et al. **Ann Allergy** 1981 Nov;47(5 Pt 1):311-5

Carbon monoxide and exercise tolerance in chronic bronchitis and emphysema. Calverley PM, et al. **Br Med J [Clin Res]** 1981 Oct 3;283(6296):878-80

Respiratory drive during exercise in chronic obstructive lung disease. Sergysels R, et al. **Bull Eur Physiopathol Respir** 1981; 17(5):755-66

The evaluation, control, and modification of continuing asthma. Mansmann HC Jr. **Clin Chest Med** 1980 Sep;1(3):339-60 (136 ref.)

Pulmonary function assessment for determination of pulmonary impairment and disability evaluation. Miller WF, et al. **Clin Chest Med** 1981 Sep;2(3):327-41 (101 ref.)

Antiadrenergic therapy: special aspects in hypertension in the elderly. Messerli FH, et al. **Hypertension** 1981 Nov-Dec; 3(6 Pt 2):II-226-9

Exercise-induced anaphylaxis as a manifestation of cholinergic urticaria. Kaplan AP, et al. **J Allergy Clin Immunol** 1981 Oct; 68(4):319-24

Effects of toeclip use on metabolic and cardiopulmonary responses to bicycle ergometer exercise. Wilde SW, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):47-54

Online computer for assessing respiratory and metabolic function during exercise. Miyamoto Y, et al. **Med Biol Eng Comput** 1981 May;19(3):340-8

Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. Woodcock AA, et al. **N Engl J Med** 1981 Dec 31;305(27):1611-6

Respiratory treatment of the adult patient with spinal cord injury. Alvarez SE, et al. **Phys Ther** 1981 Dec;61(12):1737-45

Living to the limit: exercise for the chronic breathless patient. Webber BA. **Physiotherapy** 1981 May 10;67(5):128-30

[Evaluations of respiratory functional parameters in sponge fishers from the island of Kalimnos (Greece)] Data PG, et al. **Boll Soc Ital Biol Sper** 1981 Aug 30;57(16):1727-30 (Eng. Abstr.) (Ita)

RESPIRATORY SOUNDS

Exercise-induced urticaria, angioedema, and anaphylactoid episodes. Lewis J, et al. **J Allergy Clin Immunol** 1981 Dec; 68(6):432-7

PHYSICAL FITNESS/SPORTS MEDICINE

REST

Some factors of significance for respiratory gas exchange in muscle tissue. A mathematical analysis of a capillary model. Mild KH, et al. **Acta Physiol Scand** 1981 Aug;112(4):395–404

Peak left ventricular pressure/volume (Emax) during exercise in control subjects and children with left-sided cardiac disease. Alpert BS, et al. **Cathet Cardiovasc Diagn** 1981;7(2):145–53

Effects of molsidomine on global and regional left ventricular function at rest and during exercise in patients with angina pectoris. Nechwatal W, et al. **Clin Cardiol** 1981 Sep–Oct; 4(5):248–53

Effect of coffee ingestion on the left ventricular systolic time intervals at rest, during physical effort and the recovery period. Markiewicz K, et al. **Cor Vasa** 1981;23(4):280–90

Effect of acute exercise on amino acid incorporation into the rat myocardium. Cook EA, et al. **Eur J Applied Physiol** 1981; 47(2):105–11

Physiological and metabolic effects of a 25 km race in female athletes. Haralambie G, et al. **Eur J Applied Physiol** 1981; 47(2):123–31

Effects of repeated fatiguing rhythmical hand work. Kobryn U, et al. **Eur J Applied Physiol** 1981;47(3):271–9

Anxiety, anger, and neurogenic tone at rest and in stress in patients with primary hypertension. Sullivan P, et al. **Hypertension** 1981 Nov–Dec;3(6 Pt 2):II–119–23

Comparison of antihypertensive activity of atenolol and methyldopa at rest and during exercise. Magnani B, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Oct;19(10):440–4

Left ventricular function in marathon runners: echocardiographic assessment. Paulsen W, et al. **J Appl Physiol** 1981 Oct; 51(4):881–6

Exercise recovery above and below anaerobic threshold following maximal work. Stamford BA, et al. **J Appl Physiol** 1981 Oct; 51(4):840–4

Transient changes in ventilation and cardiac output at the start and end of exercise. Miyamoto Y, et al. **Jpn J Physiol** 1981; 31(2):153–68

Exposure to acetone. Uptake and elimination in man. Wigaeus E, et al. **Scand J Work Environ Health** 1981 Jun;7(2):84–94

[Blood pressure measurement at rest and activity blood pressure load (author's transl)] Mallion JM, et al. **Nouv Presse Med** 1981 Oct 3;10(35):2877–9 (Eng. Abstr.) **(Fre)**

[Exercise and postexercise ketosis in normal and diabetic men (author's transl)] Balasse EO, et al. **Rev Med Brux** 1981 Apr; 2(4):393–7 (Eng. Abstr.) **(Fre)**

[Echocardiography during ergometric tests in subjects with stable effort angina (author's transl)] Fedele F, et al. **G Ital Cardiol** 1981;11(3):310–20 (Eng. Abstr.) **(Ita)**

[Quantitative evaluation of serial 201Tl Myocardial scintigrams after stress testing in ischemic heart disease (author's transl)] Watanabe Y, et al. **Radioisotopes** 1981 May;30(5):268–74 (Eng. Abstr.) **(Jpn)**

[Activity of enzymes of the oxidative part of the pentose phosphate pathway in skeletal muscles during muscular activity of different types and during the recovery period] Koliadko NG. **Ukr Biokhim Zh** 1981 Sep–Oct;53(5):106–10 (Eng. Abstr.) **(Rus)**

[Characteristics of individual development and patterns of male and female rats in light of the skeletal muscle energy rule] Arshavskiĭ IA, et al. **Zh Obshch Biol** 1981 Sep–Oct; 42(5):698–707 (Eng. Abstr.) **(Rus)**

RIBOFLAVIN

Riboflavin–responsive lipid myopathy and carnitine deficiency. Carroll JE, et al. **Neurology (NY)** 1981 Dec;31(12):1557–9

RUNNING

Effect of exercise on the content of lipids, cholesterol and on the composition of fatty acids in the adrenals of rats receiving rapeseed oil in diet. Kucharczyk B, et al. **Acta Physiol Pol** 1981 May–Jun;32(3):263–76

Onset of blood lactate accumulation after prolonged exercise. Jacobs I, et al. **Acta Physiol Scand** 1981 Jun;112(2):215–7

The importance of ventilation in exercise–induced asthma. Bundgaard A, et al. **Allergy** 1981 Aug;36(6):385–9

Exercise–associated amenorrhea: a distinct entity? Schwartz B, et al. **Am J Obstet Gynecol** 1981 Nov 15;141(6):662–70

The heel pad. Miller WE. **Am J Sports Med** 1982 Jan–Feb; 10(1):19–21

Recurrent compartment syndrome in the posterior thigh. Report of a case. Raether PM, et al. **Am J Sports Med** 1982 Jan–Feb; 10(1):40–3

Craniomandibular orthopedics and athletic performance in the long distance runner: a three year study. Garabee WF Jr. **Basal Facts** 1981 Summer;4(3):77–81

Calcaneal epiphysitis in adolescent athletes. McKenzie DC, et al. **Can J Appl Sport Sci** 1981 Sep;6(3):123–5

Anaerobic performance in middle and long distance runners. Taunton JE, et al. **Can J Appl Sport Sci** 1981 Sep; 6(3):109–13

The glucose/fatty acid cycle and physical exhaustion. Newsholme EA. **Ciba Found Symp** 1981;(82):89–101

Anaerobic and aerobic power of top athletes. Crielaard JM, et al. **Eur J Applied Physiol** 1981;47(3):295–300

Physiological and metabolic effects of a 25 km race in female athletes. Haralambie G, et al. **Eur J Applied Physiol** 1981; 47(2):123–31

Biochemical changes in a 100 km run: carbohydrates, lipids, and hormones in serum. Keul J, et al. **Eur J Applied Physiol** 1981; 47(2):181–9

Feeding patterns of endurance athletes. Kirsch KA, et al. **Eur J Applied Physiol** 1981;47(2):197–208

The effect of different treadmill speeds on the variability of VO2 max in children. Paterson DH, et al. **Eur J Applied Physiol** 1981; 47(2):113–22

The amphetamine margin in sports. Laties VG, et al. **Fed Proc** 1981 Oct;40(12):2689–92

Menstrual dysfunction and hormonal status in athletic women: a review. Baker ER. **Fertil Steril** 1981 Dec;36(6):691–6 (35 ref.)

Etiology of atraumatic medial knee pain. Blake RL, et al. **J Am Podiatry Assoc** 1981 Oct;71(10):580–3

Recurrent tibial stress fractures in a jogger. Schlefman BS, et al. **J Am Podiatry Assoc** 1981 Oct;71(10):577–9

Endurance training in the rat. I. Myocardial mechanics and biochemistry. Nutter DO, et al. **J Appl Physiol** 1981 Oct; 51(4):934–40

Left ventricular function in marathon runners: echocardiographic assessment. Paulsen W, et al. **J Appl Physiol** 1981 Oct; 51(4):881–6

Autonomic mechanisms of training bradycardia: beta–adrenergic receptors in humans. Williams RS, et al. **J Appl Physiol** 1981 Nov;51(5):1232–7

Characteristics of well–trained athletes in prolonged exercise from the viewpoint of aerobic power. Shibayama H, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):55–68

Elevated creatine kinase MB isoenzyme levels in marathon runners. Normal myocardial scintigrams suggest noncardiac source. Siegel AJ, et al. **JAMA** 1981 Nov 6;246(18):2049–51

Blood and sports [editorial] **Lancet** 1981 Oct 17;2(8251):847–8

Office management of common running injuries. Langloh JT. **Med Times** 1981 Sep;109(9):38–41, 45

Jogging and suppression of ovulation [letter] O'Herlihy C. **N Engl J Med** 1982 Jan 7;306(1):50–1

Personality and injury in competitive runners. Valliant PM. **Percept Mot Skills** 1981 Aug;53(1):251–3

Effects of running and of an exercise class on anxiety. Wilson VE, et al. **Perspect Pediatr Pathol** 1981 Oct;53(2):472–4

Naloxone alters pain perception after jogging [letter] Haier RJ, et al. **Psychiatry Res** 1981 Oct;5(2):231–2

Heart rate discrimination before and after exercise–induced augmented cardiac activity. Jones GE, et al. **Psychophysiology** 1981 May;18(3):252–7

When motor vehicles hit joggers: an analysis of 60 cases. Williams AF. **Public Health Rep** 1981 Sep–Oct;96(5):448–51

Stress fractures of the proximal tibia in runners. Daffner RH, et al. **Radiology** 1982 Jan;142(1):63–5

Response time comparisons among four base running starting techniques in slow pitch softball. Israel RG, et al. **Res Q Exerc Sport** 1981 Oct;52(3):324–9

The effect of two levels of muscular work on urinary creatinine excretion. Riley WW Jr, et al. **Res Q Exerc Sport** 1981 Oct; 52(3):339–47

Pulmonary changes during marathon training: a longitudinal study. Kaufmann DA, et al. **Respiration** 1981;41(4):217–23

Slow–wave sleep: a recovery period after exercise. Shapiro CM, et al. **Science** 1981 Dec 11;214(4526):1253–4

Renal function abnormalities induced by marathon running. Neviackas JA, et al. **South Med J** 1981 Dec;74(12):1457–60

[Effects of TV–game and healthy endurance running on biological functions (author's transl)] An'ei T. **Nippon Eiseigaku Zasshi** 1981 Feb;35(6):858–63 (Eng. Abstr.) **(Jpn)**

SCAPULA

Recurrent subluxation of the glenohumeral joint. Hastings DE, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):352–5

SEMILUNAR CARTILAGES

Meniscal ossicle. A case report. Mariani PP, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):392–3

SHOCK, CARDIOGENIC

The pathophysiology of inspiratory muscle fatigue. Macklem PT, et al. **Ciba Found Symp** 1981;(82):249–63

SHOULDER

Kinematic and myoelectric analysis of skill acquisition: I. 90cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):575–82

Kinematic and myoelectric analysis of skill acquisition: II. 150cm subject group. Vorro J, et al. **Arch Phys Med Rehabil** 1981 Nov; 62(11):582–9

Mandibular position and upper body strength: a controlled clinical trial. Greenberg MS, et al. **J Am Dent Assoc** 1981 Oct; 103(4):576–9

Basic hydrotherapy. Golland A. **Physiotherapy** 1981 Sep; 67(9):258–62

Radiological skeletal survey for aseptic necrosis of bone in divers and compressed air workers. Notes prepared by the Medical Research Council Decompression Sickness Panel. **Radiography** 1981 Jun;47(558):141–3

[Post-traumatic myositis ossificans] Altieri E, et al. **Chir Organi Mov** 1981 May–Jun;66(3):415–20 (Eng. Abstr.) **(Ita)**

[Causes of subcutaneous tendon rupture in athletes] Nikitin GD, et al. **Vestn Khir** 1981 Jul;127(7):78–81 (Eng. Abstr.) **(Rus)**

SHOULDER DISLOCATION

Recurrent subluxation of the glenohumeral joint. Hastings DE, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):352–5

Stabilizing mechanisms preventing anterior dislocation of the glenohumeral joint. Turkel SJ, et al. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1208–17

SHOULDER JOINT

Common pain syndromes: upper extremities. Webber JB. **Geriatrics** 1981 Dec;36(12):59–69

Stabilizing mechanisms preventing anterior dislocation of the glenohumeral joint. Turkel SJ, et al. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1208–17

SKATING

An analysis of roller skating injuries. Ferkel RD, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):24–30

An in-skate training brace for young beginning ice skaters. Hunter WN, et al. **J Am Podiatry Assoc** 1981 Nov;71(11):643–5

A scientific explanation for Eric Heiden's unique Olympic performance. Morris AF. **J Sports Med Phys Fitness** 1981 Jun; 21(2):156–9

SKIING

Upper extremity injuries in skiing. Carr D, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):378–83

An epidemiologic study of ski injuries: Vail, Colorado. Jaffin B. **Mt Sinai J Med (NY)** 1981 Jul–Aug;48(4):353–9

[Plasma catecholamines during maximal exercise in competitive skiers and cardiac patients (author's transl)] Minami M, et al. **Kokyu To Junkan** 1981 Jul;29(7):737–42 (Eng. Abstr.) **(Jpn)**

[Causes of subcutaneous tendon rupture in athletes] Nikitin GD, et al. **Vestn Khir** 1981 Jul;127(7):78–81 (Eng. Abstr.) **(Rus)**

SKIN TEMPERATURE

Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. Araki T, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):69–80

SMOKING

Plasma testosterone, high density lipoprotein cholesterol and other lipoprotein fractions. Gutai J, et al. **Am J Cardiol** 1981 Nov; 48(5):897–902

Diet, other lifestyle factors and HDL cholesterol in a population of Australian male service recruits. Dwyer T, et al. **Am J Epidemiol** 1981 Nov;114(5):683–96

'Effort thrombosis' of the subclavian vein associated with oral contraceptives. Stricker SJ, et al. **Ann Emerg Med** 1981 Nov; 10(11):596–9

Changes in exhaled pulmonary diffusing capacity at rest and exercise in individuals with impaired positional diffusion. McClean PA, et al. **Bull Eur Physiopathol Respir** 1981; 17(2):179–86

Secondary prevention in myocardial infarction survivors. **Circulation** 1982 Jan;65(1):216A–219A

Physical fitness in children: implications for the prevention of coronary artery disease. Rowland TW. **Curr Probl Pediatr** 1981 Jul;11(9):1–54 (184 ref.)

Smoking, respiratory symptoms and ventilatory capacity in young men. Kujala P. **Eur J Respir Dis [Suppl]** 1981;62(114):1–55

Secondary prevention in myocardial infarction survivors. **Ir Med J** 1981 Sep;74(9):245–7

Strategies in the control of asthma. Dolovich J, et al. **Med Clin North Am** 1981 Sep;65(5):1033–43 (41 ref.)

[Important activities for a healthy life style in the adult population] Novák Z. **Cesk Zdrav** 1981 Oct;29(10):416–25 (Eng. Abstr.) **(Cze)**

[Intensive sports practice and early alveolysis] Lamendin H, et al. **Rev Odontostomatol (Paris)** 1981 Jul–Oct;10(4–5):305–13 (Eng. Abstr.) **(Fre)**

[Rehabilitation in an ambulatory coronary training group. A longitudinal study of 5 years after a Hamburg model] Sperhake L, et al. **Fortschr Med** 1981 Nov 19;99(43):1777–81 (Eng. Abstr.) **(Ger)**

SOCCER

Exercise-induced proteinuria. Campanacci L, et al. **Contrib Nephrol** 1981;26:31–41

[Physiopathology of superficial venous circulation in athletes] Venerando A, et al. **Phlebologie** 1981 Apr–Jun;34(2):289–98 (Eng. Abstr.) **(Fre)**

[Post-traumatic myositis ossificans] Altieri E, et al. **Chir Organi Mov** 1981 May–Jun;66(3):415–20 (Eng. Abstr.) **(Ita)**

[Clinical study of the anti-inflammatory and analgesic action of methoxy-naphthyl-propionic acid in articular and periarticular injuries caused by sports] Rugginenti A, et al. **Clin Ter** 1981 Mar 15;96(5):503–14 (Eng. Abstr.) **(Ita)**

[Causes of subcutaneous tendon rupture in athletes] Nikitin GD, et al. **Vestn Khir** 1981 Jul;127(7):78–81 (Eng. Abstr.) **(Rus)**

[Traumatic dislocation of the metatarsophalangeal joints (author's transl)] Maar D. **Acta Chir Orthop Traumatol Cech** 1981 Oct; 48(5):466–7 (Eng. Abstr.) **(Slo)**

SPINAL CORD INJURIES

Respiratory treatment of the adult patient with spinal cord injury. Alvarez SE, et al. **Phys Ther** 1981 Dec;61(12):1737–45

SPINAL INJURIES

Weight training-related injuries in the high school athlete. Brady TA, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):1–5

SPINE

Progression of idiopathic scoliosis: an analysis of muscle actions and body weight influences. Haderspeck K, et al. **Spine** 1981 Sep–Oct;6(5):447–55

SPIROMETRY

Spirometry and gas exchange in chronic pulmonary thromboembolism. Riedel M, et al. **Bull Eur Physiopathol Respir** 1981;17(2):209–21

Pulmonary function assessment for determination of pulmonary impairment and disability evaluation. Miller WF, et al. **Clin Chest Med** 1981 Sep;2(3):327–41 (101 ref.)

[Situation in Italy regarding institutions for cardiovascular function testing] Scardi S. **G Ital Cardiol** 1981;11(4):535–40 (Eng. Abstr.) **(Ita)**

SPLENIC RUPTURE

Ruptured spleen in a boxer with infectious mononucleosis. Lovaas M. **Minn Med** 1981 Aug;64(8):461–2

SPONDYLITIS, ANKYLOSING

[Effectiveness of exercise therapy in ankylosing spondylitis] Gieremek K. **Reumatologia** 1981;19(1):53–8 (Eng. Abstr.) **(Pol)**

SPORTS

Weight training-related injuries in the high school athlete. Brady TA, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):1–5

An analysis of roller skating injuries. Ferkel RD, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):24–30

Performance of baseball headgear. Goldsmith W, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):31–7

Kinesiology. III. An analysis of peak efforts in sports activities. Miller WE. **Am J Sports Med** 1982 Jan–Feb;10(1):38–9

Gait analysis. Alterations in support phase forces using supportive devices. Scranton PE Jr, et al. **Am J Sports Med** 1982 Jan–Feb; 10(1):6–11

Pott's puffy tumor, frontal sinuaitis, frontal bone osteomyelitis, and epidural abscess secondary to a wrestling injury. Tudor RB, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):390–1

Fractures and refractures in intercollegiate athletes. An eleven-year experience. Whiteside JA, et al. **Am J Sports Med** 1981 Nov–Dec; 9(6):369–77

PHYSICAL FITNESS/SPORTS MEDICINE

Changes in heart rate and electrocardiogram during taijiquan exercise: analysis by telemetry in 100 subjects. Gong LS, et al. **Chin Med J [Engl]** 1981 Sep;94(9):589-92

Hypothermia in winter and high altitude sports. Hampton WR. **Conn Med** 1981 Oct;45(10):633-6

Role of primary care physician in sports for the handicapped. Healy A. **Conn Med** 1981 Sep;45(9):571-3

Rehabilitative benefits of sports for the handicapped. Molnar G. **Conn Med** 1981 Sep;45(9):574-7

Exercise-induced proteinuria. Campanacci L, et al. **Contrib Nephrol** 1981;26:31-41

Ocular sports injuries. Standards of protection and prevention. I. Applications of protective principles from industry. Keeney AH. **Int Ophthalmol Clin** 1981 Winter;21(4):163-9

Eye injuries in hockey. Pashby TH. **Int Ophthalmol Clin** 1981 Winter;21(4):59-86

National Athletic Injury/Illness Reporting System: eye injuries in college wrestling. Powell JW. **Int Ophthalmol Clin** 1981 Winter; 21(4):47-58

Contact lenses for athletes. Weis DR. **Int Ophthalmol Clin** 1981 Winter;21(4):139-48

An in-skate training brace for young beginning ice skaters. Hunter WN, et al. **J Am Podiatry Assoc** 1981 Nov;71(11):643-5

Effect of anabolic treatment on the serum levels of gonadotropins, testosterone, prolactin, thyroid hormones and myoglobin of male athletes under physical training. Clerico A, et al. **J Nucl Med Allied Sci** 1981 Jul-Sep;25(3):79-88

Some observations on strength training and assessment. Gregory LW. **J Sports Med Phys Fitness** 1981 Jun;21(2):130-7

A scientific explanation for Eric Heiden's unique Olympic performance. Morris AF. **J Sports Med Phys Fitness** 1981 Jun; 21(2):156-9

The effects of competitive road-racing on the body composition, pulmonary function, and cardiovascular system of sport cyclists. Perez HR. **J Sports Med Phys Fitness** 1981 Jun,21(2):165-72

The veteran athlete. An exercise testing electrocardiographic, thorax x-ray and echocardiographic study. Serra Grima JR, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):122-9

A study of age and participation in different physical activities. Sodhi HS. **J Sports Med Phys Fitness** 1981 Jun;21(2):150-5

A physiological profile of the Canadian judo team. Taylor AW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):160-4

Physiological and psychological characteristics associated with women's participation in intercollegiate athletics. Renfrow NE, et al. **Percept Mot Skills** 1981 Aug;53(1):90

Relationship between depth perception and basketball-shooting performance over a competitive season. Isaacs LD. **Perspect Pediatr Pathol** 1981 Oct;53(2):554

Lacerations in Rugby Union football. Durkin TE. **Practitioner** 1981 Jul;225(1357):1043-44

Race and gender differences in children's socialization into sport. Greendorfer SL, et al. **Res Q Exerc Sport** 1981 Oct; 52(3):301-10

Response time comparisons among four base running starting techniques in slow pitch softball. Israel RG, et al. **Res Q Exerc Sport** 1981 Oct;52(3):324-9

A probabilistic model for evaluation of volleyball scoring systems. Pfeifer PE, et al. **Res Q Exerc Sport** 1981 Oct;52(3):330-8

A psychophysiological assessment of elite wrestlers. Silva JM 3d, et al. **Res Q Exerc Sport** 1981 Oct;52(3):348-58

Reaction time and anticipation time: effects of development. Thomas JR, et al. **Res Q Exerc Sport** 1981 Oct;52(3):359-67

Muscle fibre composition and glycogen depletion in horses competing in an endurance ride. Snow DH, et al. **Vet Rec** 1981 Apr 25;108(17):374-8

[The present situation with regard to the practical handling of the blind in South Africa] Swart HH. **S Afr Med J** 1981 Nov 28; 60(22):861-3 (Eng. Abstr.) (Afr)

[The year 1980—the year of the Czechoslovak Spartakiad and Moscow Olympiad (author's transl)] Rouš J. **Cas Lek Cesk** 1981 Apr 23;120(16):465-9 (Eng. Abstr.) (Cze)

[Criteria for physical fitness] Arndt KH. **Beitr Orthop Traumatol** 1981 Sep;28(9):469-77 (Eng. Abstr.) (Ger)

[Studies on differences in the preventive effects of habitual physical activity in occupation versus leisure time. II. Effects of physical activity in occupation versus leisure time on physical working capacity (author's transl)] Ilmarinen J, et al. **Int Arch Occup Environ Health** 1981;49(1):1-12 (Eng. Abstr.) (Ger)

[Myocardial infarction while windsurfing (author's transl)] Schmid P, et al. **MMW** 1981 Sep 18;123(38):1417-9 (Eng. Abstr.) (Ger)

[Sports for health of women. A physiological performance and sociological study] Messing M, et al. **Rehabilitation (Bonn)** 1981; 34(1-2):1-12 (Eng. Abstr.) (Ger)

[The role of sports in preparation for an active age (author's transl)] Loock R. **ZFA (Dresden)** 1981;36(3):235-40 (Eng. Abstr.)(Ger)

[Traumatic dislocation of the metatarsophalangeal joints (author's transl)] Maar D. **Acta Chir Orthop Traumatol Cech** 1981 Oct; 48(5):466-7 (Eng. Abstr.) (Slo)

SPORTS MEDICINE

Presidential address of the American Orthopaedic Society for Sports Medicine. Larson RL. **Am J Sports Med** 1981 Nov-Dec; 9(6):349-51

Kinesiology. II. A practical discussion of certain muscle actions in a few illustrative sports activities. Miller WE. **Am J Sports Med** 1981 Nov-Dec;9(6).405-8

Craniomandibular orthopedics and athletic performance in the long distance runner: a three year study. Garabee WF Jr. **Basal Facts** 1981 Summer;4(3):77-81

Acetazolamide in prevention of acute mountain sickness: a double-blind controlled cross-over study. Greene MK, et al. **Br Med J [Clin Res]** 1981 Sep 26;283(6295):811-3

Canadian Association of Sports Sciences position paper on protection from exertional heat injuries. June, 1981. **Can J Appl Sport Sci** 1981 Sep;6(3):99-100

The glucose/fatty acid cycle and physical exhaustion. Newsholme EA. **Ciba Found Symp** 1981;(82):89-101

The university sports medicine program. Gossling HR, et al. **Conn Med** 1981 Oct;45(10):619-20

Secondary school sportsmedicine. On providing optimal care for the interscholastic athlete. Zlotsky NA. **Conn Med** 1981 Oct; 45(10):625-8

Exercise-induced proteinuria. Campanacci L, et al. **Contrib Nephrol** 1981;26:31-41

Anaerobic and aerobic power of top athletes. Crielaard JM, et al. **Eur J Applied Physiol** 1981;47(3):295-300

Physiological and metabolic effects of a 25 km race in female athletes. Haralambie G, et al. **Eur J Applied Physiol** 1981; 47(2):123-31

Biochemical changes in a 100 km run: carbohydrates, lipids, and hormones in serum. Keul J, et al. **Eur J Applied Physiol** 1981; 47(2):181-9

Relation between pedalling- and breathing rhythm. Kohl J, et al. **Eur J Applied Physiol** 1981;47(3):223-37

Menstrual dysfunction and hormonal status in athletic women: a review. Baker ER. **Fertil Steril** 1981 Dec;36(6):691-6 (35 ref.)

The incidence of eye injuries in sports. Vinger PF. **Int Ophthalmol Clin** 1981 Winter;21(4):21-46

Mandibular position and upper body strength: a controlled clinical trial. Greenberg MS, et al. **J Am Dent Assoc** 1981 Oct; 103(4):576-9

Etiology of atraumatic medial knee pain. Blake RL, et al. **J Am Podiatry Assoc** 1981 Oct;71(10):580-3

An in-skate training brace for young beginning ice skaters. Hunter WN, et al. **J Am Podiatry Assoc** 1981 Nov;71(11):643-5

Noninvasive assessment of T-wave abnormalities on precordial electrocardiograms in middle-aged professional bicyclists. Nishimura T, et al. **J Electrocardiol** 1981 Oct;14(4):357-64

Difficulties in disability Assessment. Baker C, et al. **J Fam Pract** 1981 Dec;13(7):1053-7

Fitness evaluation and exercise prescription. Mead WF, et al. **J Fam Pract** 1981 Dec;13(7):1039-50

Mechanics of competition walking. Cavagna GA, et al. **J Physiol (Lond)** 1981 Jun;315:243-51

Elevated creatine kinase MB isoenzyme levels in marathon runners. Normal myocardial scintigrams suggest noncardiac source. Siegel AJ, et al. **JAMA** 1981 Nov 6;246(18):2049-51

Blood and sports [editorial] **Lancet** 1981 Oct 17;2(8251):847-8

Jogging and suppression of ovulation [letter] O'Herlihy C. **N Engl J Med** 1982 Jan 7;306(1):50-1

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153-60

Sport and recreation for the severely disabled. Meyer CM. **S Afr Med J** 1981 Nov 28;60(22):868-71

Mouthguards for rugby players at primary school level. de Wet FA, et al. **Tydskr Tandheelkd Ver S Afr** 1981 Apr; 36(4):249-53

[The year 1980—the year of the Czechoslovak Spartakiad and Moscow Olympiad (author's transl)] Rouš J. **Cas Lek Cesk** 1981 Apr 23;120(16):465-9 (Eng. Abstr.) (Cze)

[Vectorcardiographic criteria of ventricular hypertrophy in a population of athletes] Chignon JC, et al. **Arch Mal Coeur** 1981 Sep;74(9):1099-105 (Eng. Abstr.) (Fre)

[Physiopathology of superficial venous circulation in athletes] Venerando A, et al. **Phlebologie** 1981 Apr-Jun;34(2):289-98 (Eng. Abstr.) (Fre)

[Intensive sports practice and early alveolysis] Lamendin H, et al. **Rev Odontostomatol (Paris)** 1981 Jul-Oct;10(4-5):305-13 (Eng. Abstr.) (Fre)

[Accidents of sport underwater diving with an aqualung] Broussolle B. **Rev Prat** 1981 Jun 1; 31(31):2237-8, 2241-2, 2245 (Eng. Abstr.) (Fre)

[Sports for health of women. A physiological performance and sociological study] Messing M, et al. **Rehabilitation (Bonn)** 1981; 34(1-2):1-12 (Eng. Abstr.) (Ger)

[Influence of body weight reduction on physical capability] Müller

SPORTS MEDICINE

W, et al. **Schweiz Z Sportmed** 1981 Sep;29(3):89–96 (Eng. Abstr.) **(Ger)**

[Thermal and climatic indications in sports medicine] Rotondo G. **Riv Med Aeronaut Spaz** 1980 Jul–Dec;43(3–4):199–211 (Eng. Abstr.) **(Ita)**

[Plasma catecholamines during maximal exercise in competitive skiers and cardiac patients (author's transl)] Minami M, et al. **Kokyu To Junkan** 1981 Jul;29(7):737–42 (Eng. Abstr.) **(Jpn)**

[Effect of sports on posture in schoolchildren] Bednarek J. **Chir Narzadow Ruchu Ortop Pol** 1981;46(2):165–7 (Eng. Abstr.) **(Pol)**

[Study of cardiac rhythm disorders in healthy men] Dembo AG, et al. **Kardiologiia** 1981;21(10):51–5 (Eng. Abstr.) **(Rus)**

[Changes in 'Hageman factor system' indices during human adaptation to intensive physical loading] Chernukh AM, et al. **Patol Fiziol Eksp Ter** 1981 Sep–Oct;(5):25–8 (Eng. Abstr.) **(Rus)**

[Commencement of menarche and menstrual cycle in various somatotypes II (author's transl)] Kovalčíková J. **Cesk Gynekol** 1981 Apr;46(3):184–90 (Eng. Abstr.) **(Slo)**

SPRAINS AND STRAINS

Weight training-related injuries in the high school athlete. Brady TA, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):1–5

Medial collateral ligament injuries in football. Nonoperative management of grade I and grade II sprains. Derscheid GL, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):365–8

Heterotopic bone formation: a case report. Lepow GM, et al. **J Foot Surg** 1980 Summer;19(2):63–5

Medical problems in Association football. Sash L. **Practitioner** 1981 Jul;225(1357):1047–50

SWEATING

Exercise performance and adaptive modifications in the thermoregulatory system. Brück K, et al. **Int J Biometeorol** 1980 Dec;24 Suppl 2:42–53

SWIMMING

The effect of increased cardiac pressure load and volume load on the size of myocardial infarction following coronary artery occlusion. Tornling G, et al. **Acta Pathol Microbiol Scand** [A] 1981 Jul;89(4):309–12

Corticosterone binding in myocardial tissue of rats after chronic stress and adrenalectomy. Eller A, et al. **Acta Physiol Acad Sci Hung** 1981;57(3):205–11

Antagonistic effect of sodium ascorbate on ethanol-induced changes in swimming of mice. Busnel RG, et al. **Behav Brain Res** 1980 Aug;1(4):351–6

Locomotion of the filiform sperm of littorina (Gastropoda, Prosobranchia). Buckland-Nicks JA, et al. **Cell Tissue Res** 1981; 219(1):27–39

Opioid regulation of prolactin secretion: evidence for a specific role of beta-endorphin. Ragavan VV, et al. **Endocrinology** 1981 Nov;109(5):1769–71

Effect of acute exercise on amino acid incorporation into the rat myocardium. Cook EA, et al. **Eur J Applied Physiol** 1981; 47(2):105–11

Circulating reverse triiodothyronine in humans during exercise. Premachandra BN, et al. **Eur J Applied Physiol** 1981; 47(3):281–8

The amphetamine margin in sports. Laties VG, et al. **Fed Proc** 1981 Oct;40(12):2689–92

Escharotic stomatitis caused by the 'stinging seaweed' Microcoleus lyngbyaceus (formerly Lyngbya majuscula). Case report and literature review. Sims JK, et al. **Hawaii Med J** 1981 Sep; 40(9):243–8 (25 ref.)

Contact lenses for athletes. Weis DR. **Int Ophthalmol Clin** 1981 Winter;21(4):139–48

Environmental constraints on motor abilities used in grooming, swimming, and eating by decorticate rats. Whishaw IQ, et al. **J Comp Physiol Psychol** 1981 Oct;95(5):792–804

Effects of serotonin on the generation of the motor program for swimming by the medicinal leech. Willard AL. **J Neurosci** 1981 Sep;1(9):936–44

Swimming and physical fitness during pregnancy. Sibley L, et al. **J Nurse Midwife** 1981 Nov–Dec;26(6):3–12

A comparison of the treatment of otitis externa with 'Otosporin' and aluminium acetate: a report from a services practice in Cyprus. Lambert IJ. **J R Coll Gen Pract** 1981 May; 31(226):291–4

A scientific explanation for Eric Heiden's unique Olympic performance. Morris AF. **J Sports Med Phys Fitness** 1981 Jun; 21(2):156–9

Continuous treadmill walking versus intermittent treadmill running as maximal exercise tests for young competitive swimmers. Zauner CW, et al. **J Sports Med Phys Fitness** 1981 Jun; 21(2):173–8

Physiological alterations in young swimmers during three years of intensive training. Zauner CW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):179–85

Effect of swimming on forced expiration and sputum clearance in cystic fibrosis. Zach MS, et al. **Lancet** 1981 Nov 28; 2(8257):1201–3

Effects of acutely and chronically administered antidepressants on the brain regional 3-methoxy-4-hydroxyphenylethyleneglycol sulfate in the forced swimming rat. Miyauchi T, et al. **Life Sci** 1981 Nov 2;29(18):1921–8

Blood lactate variations in swimming. Treffene RJ. **Med Biol Eng Comput** 1981 May;19(3):370–2

Other effects of monoaminergic inhibition with 6-hydroxydopamine and of disulfiram on the response to exercise in rats. Derevenco P, et al. **Physiologie** 1981;18(3):181–5

Basic hydrotherapy. Golland A. **Physiotherapy** 1981 Sep; 67(9):258–62

[Skin pathology during vacations] Boffety B, et al. **Rev Prat** 1981 Jun 1;31(31):2205–6, 2209–10, 2215–6 passim (Eng. Abstr.) **(Fre)**

[Fatal swimming accident by a windsurfer] Schellmann B, et al. **Beitr Gerichtl Med** 1981;39:269–72 (Eng. Abstr.) **(Ger)**

[Risks of physiotherapeutical intervention in pre-clinical geriatrics (author's transl)] Lang E. **ZFA (Dresden)** 1981;36(2):117–24 (Eng. Abstr.) **(Ger)**

[Bioenergetic characteristics of different kinds of physical loads] Usik SV, et al. **Fiziol Zh SSSR** 1981 Sep;67(9):1370–4 (Eng. Abstr.) **(Rus)**

[Activity of enzymes of the oxidative part of the pentose phosphate pathway in skeletal muscles during muscular activity of different types and during the recovery period] Koliadko NG. **Ukr Biokhim Zh** 1981 Sep–Oct;53(5):106–10 (Eng. Abstr.) **(Rus)**

TACHYCARDIA

Clinical significance and characteristics of exercise-induced ventricular tachycardia. Codini MA, et al. **Cathet Cardiovasc Diagn** 1981;7(3):227–34

[The heart rate decreasing activity of the beta-blocker propranolol in various types of tachycardia in conscious dogs (author's transl)] Lehmann HD. **DTW** 1981 Jun 5;88(6):239–41 (Eng. Abstr.) **(Ger)**

[Anti-arrhythmic effectiveness of ethmozine, cordaron and rhythmodan in treating ischemic heart disease] Zhivoderov VM, et al. **Kardiologiia** 1981 Sep;21(9):41–4 (Eng. Abstr.) **(Rus)**

TACHYCARDIA, PAROXYSMAL

[Myocardial infarction while windsurfing (author's transl)] Schmid P, et al. **MMW** 1981 Sep 18;123(38):1417–9 (Eng. Abstr.) **(Ger)**

TALUS

Fracture of the fused os trigonum. Ihle CL, et al. **Am J Sports Med** 1982 Jan–Feb;10(1):47–50

Heterotopic bone formation: a case report. Lepow GM, et al. **J Foot Surg** 1980 Summer;19(2):63–5

TASK PERFORMANCE AND ANALYSIS

Blood lactate variations in swimming. Treffene RJ. **Med Biol Eng Comput** 1981 May;19(3):370–2

TENDINITIS

Common pain syndromes: upper extremities. Webber JB. **Geriatrics** 1981 Dec;36(12):59–69

TENDON INJURIES

Patellar tendon avulsion as a complication of Osgood-Schlatter's disease. Bowers KD Jr. **Am J Sports Med** 1981 Nov–Dec; 9(6):356–9

[Causes of subcutaneous tendon rupture in athletes] Nikitin GD, et al. **Vestn Khir** 1981 Jul;127(7):78–81 (Eng. Abstr.) **(Rus)**

TENDONS

Structure and function of the murine muscle-tendon junction. Trotter JA, et al. **Anat Rec** 1981 Oct;201(2):293–302

Thermal stability, mechanical properties and reducible cross-links of rat tail tendon in experimental diabetes. Andreassen TT, et al. **Biochim Biophys Acta** 1981 Oct 12;677(2):313–7

Chronic exposure to a 60-Hz electric field: effects on neuromuscular function in the rat. Jaffe RA, et al. **Bioelectromagnetics** 1981;2(3):227–39

Reconstruction of traumatic complete loss of the medial collateral ligament: a case report. Grana WA, et al. **Clin Orthop** 1981; (160):153–7

Effect of bioflavonoids on the mechanical & thermal properties of skin & tendon. Rao CN, et al. **Indian J Biochem Biophys** 1981 Jun;18(3):224–8

TENDONS, PARA-ARTICULAR

Management of patellar malalignment. Kettelkamp DB. **J Bone Joint Surg [Am]** 1981 Oct;63A(8):1344–8 (45 ref.)

TENNIS

Eye injuries in racket sports. Easterbrook M. **Int Ophthalmol Clin** 1981 Winter;21(4):87–119

Heart rate discrimination before and after exercise-induced augmented cardiac activity. Jones GE, et al. **Psychophysiology** 1981 May;18(3):252–7

TENNIS ELBOW

Common pain syndromes: upper extremities. Webber JB. **Geriatrics** 1981 Dec;36(12):59–69

[Epicondylalgia] Dumoulin J, et al. **Electrodiagn Ther** 1981; 18(3):119–29 (Eng. Abstr.) **(Fre)**

[The surgical treatment of epicondylitis – follow-up of 100 operated elbows (author's transl)] Kammer G, et al. **Praxis** 1981 Nov 24;70(48):2177–9 (Eng. Abstr.) **(Ger)**

TETRAHYDROCANNABINOL

Treatment of human spasticity with delta 9-tetrahydrocannabinol. Petro DJ, et al. **J Clin Pharmacol** 1981 Aug–Sep; 21(8–9 Suppl):413S–416S

THEOPHYLLINE

Intravenous dipyridamole combined with isometric handgrip for near maximal acute increase in coronary flow in patients with coronary artery disease. Brown BG, et al. **Am J Cardiol** 1981 Dec;48(6):1077–85

Twitch potentiation by rest in canine ventricular muscle: effects of theophylline. Endoh M, et al. **Am J Physiol** 1981 Oct; 241(4):H583–90

The use of albuterol for the prevention of exercise-induced bronchospasm. König P. **Ann Allergy** 1981 Nov, 47(5 Pt 2):421–2

The evaluation, control, and modification of continuing asthma. Mansmann HC Jr. **Clin Chest Med** 1980 Sep;1(3):339–60 (136 ref.)

A double-blind, placebo-controlled evaluation of (dl)-3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2, in exercise-induced bronchospasm. Cho YW, et al. **Int J Clin Pharmacol Ther Toxicol** 1981 Jun;19(6):266–72

Strategies in the control of asthma. Dolovich J, et al. **Med Clin North Am** 1981 Sep;65(5):1035–43 (41 ref.)

THORACIC VERTEBRAE

Basic hydrotherapy. Golland A. **Physiotherapy** 1981 Sep; 67(9):258–62

Correction of scoliosis by muscle stimulation: biomechanical analyses. Schultz A, et al. **Spine** 1981 Sep–Oct;6(5):468–76

THORAX

Regional coronary angiographic observations during cold stimulation in patient with exertional chest pain: comparison of diameter responses in normal and fixed stenotic vessels. Feldman RL, et al. **Am Heart J** 1981 Nov;102(5):822–30

Intravenous dipyridamole combined with isometric handgrip for near maximal acute increase in coronary flow in patients with coronary artery disease. Brown BG, et al. **Am J Cardiol** 1981 Dec;48(6):1077–85

An investigation in patients with previous myocardial infarction who present with chest pain. Selwyn AP, et al. **Circulation** 1981 Dec;64(6):1156–62

THYROID HORMONES

Serum thyroid hormone concentration during semi-starvation and physical exercise. Bosello O, et al. **Horm Metab Res** 1981 Nov; 13(11):651–2

Effect of anabolic treatment on the serum levels of gonadotropins, testosterone, prolactin, thyroid hormones and myoglobin of male athletes under physical training. Clerico A, et al. **J Nucl Med Allied Sci** 1981 Jul–Sep;25(3):79–88

THYROXINE

Circulating reverse triiodothyronine in humans during exercise. Premachandra BN, et al. **Eur J Applied Physiol** 1981; 47(3):281–8

TIBIA

Reconstruction of traumatic complete loss of the medial collateral ligament: a case report. Grana WA, et al. **Clin Orthop** 1981; (160):153–7

TIBIAL FRACTURES

Patellar tendon avulsion as a complication of Osgood-Schlatter's disease. Bowers KD Jr. **Am J Sports Med** 1981 Nov–Dec; 9(6):356–9

Stress fractures in young athletes. Orava S, et al. **Arch Orthop Trauma Surg** 1981;98(4):271–4

Open tibia fracture with compartment syndrome. DeLee JCU, et al. **Clin Orthop** 1981;(160):175–84

Recurrent tibial stress fractures in a jogger. Schlefman BS, et al. **J Am Podiatry Assoc** 1981 Oct;71(10):577–9

Stress fractures of the proximal tibia in runners. Daffner RH, et al. **Radiology** 1982 Jan;142(1):63–5

TIDAL VOLUME

The ventilatory responses to hypoxia and hypercapnia in the Ama. Masuda Y, et al. **Jpn J Physiol** 1981;31(2):187–97

TOBACCO USE DISORDER

Nutritional, endocrine, and demographic aspects of osteoporosis. Kleerekoper M, et al. **Orthop Clin North Am** 1981 Jul; 12(3):547–58 (53 ref.)

TOE JOINT

[Traumatic dislocation of the metatarsophalangeal joints (author's transl)] Maar D. **Acta Chir Orthop Traumatol Cech** 1981 Oct; 48(5):466–7 (Eng. Abstr.) **(Slo)**

TOTAL LUNG CAPACITY

Static transdiaphragmatic pressures in normal subjects and in patients with chronic hyperinflation. Gibson GJ, et al. **Am Rev Respir Dis** 1981 Dec;124(6):685–9

TRACK AND FIELD

Javelin injury to the subclavian artery. McFadden PM, et al. **Am J Sports Med** 1981 Nov–Dec;9(6):400–4

The amphetamine margin in sports. Laties VG, et al. **Fed Proc** 1981 Oct;40(12):2689–92

A scientific explanation for Eric Heiden's unique Olympic performance. Morris AF. **J Sports Med Phys Fitness** 1981 Jun; 21(2):156–9

[Double approach to the study of high jumping: attention demands and biomechanics] Girouard Y, et al. **Can J Appl Sport Sci** 1981 Sep;6(3):126–31 (Eng. Abstr.) **(Fre)**

[Physiopathology of superficial venous circulation in athletes] Venerando A, et al. **Phlebologie** 1981 Apr–Jun;34(2):289–98 (Eng. Abstr.) **(Fre)**

[Post-traumatic myositis ossificans] Altieri E, et al. **Chir Organi Mov** 1981 May–Jun;66(3):415–20 (Eng. Abstr.) **(Ita)**

[Causes of subcutaneous tendon rupture in athletes] Nikitin GD, et al. **Vestn Khir** 1981 Jul;127(7):78–81 (Eng. Abstr.) **(Rus)**

TRIGLYCERIDES

Plasma testosterone, high density lipoprotein cholesterol and other lipoprotein fractions. Gutai J, et al. **Am J Cardiol** 1981 Nov; 48(5):897–902

Relation between high density lipoprotein cholesterol and coronary artery disease in asymptomatic men. Uhl GS, et al. **Am J Cardiol** 1981 Nov;48(5):903–10

The glucose/fatty acid cycle and physical exhaustion. Newsholme EA. **Ciba Found Symp** 1981;(82):89–101

Serumlipoprotein cholesterol in sedentary and trained male patients with coronary heart disease. Berg A, et al. **Clin Cardiol** 1981 Sep–Oct;4(5):233–7

Effect of exercise-training on the metabolic manifestations of streptozotocin-induced diabetes in the rat. Reaven GM, et al. **Diabetologia** 1981 Oct;21(4):415–7

Characteristics of well-trained athletes in prolonged exercise from the viewpoint of aerobic power. Shibayama H, et al. **J Hum Ergol (Tokyo)** 1980 Sep;9(1):55–68

Increase of lipoprotein-lipase activity in skeletal muscle during heavy exercise. Relation to epinephrine excretion. Lithell H, et al. **Metabolism** 1981 Nov;30(11):1130–4

Exercise and lipid metabolism. Oscai LB. **Prog Clin Biol Res** 1981; 67:383–90 (65 ref.)

Relationship of high density lipoprotein cholesterol concentration to the duration and intensity of endurance training. Myhre K,

TRIGLYCERIDES

et al. **Scand J Clin Lab Invest** 1981 May;41(3):303-9
[Influence of starvation and kinesitherapy on blood lipids and their fractions (author's transl)] Jungmann H, et al. **Klin Wochenschr** 1981 Sep 15;59(18):1061-4 (Eng. Abstr.) (Ger)
[Microcirculation tolerance for physical loading and homeostatic indices in stenocardia] Anikin VV, et al. **Kardiologiia** 1981 Aug; 21(8):92-5 (Eng. Abstr.) (Rus)
[Hemodynamics and oxygen supply after physical exertion in ischemic heart disease as related to blood cholesterol and triglyceride levels] Ianovskii GV, et al. **Ter Arkh** 1981; 53(8):34-8 (Eng. Abstr.) (Rus)

TRIIODOTHYRONINE

Circulating reverse triiodothyronine in humans during exercise. Premachandra BN, et al. **Eur J Applied Physiol** 1981; 47(3):281-8

ULNA FRACTURES

Upper extremity injuries in skiing. Carr D, et al. **Am J Sports Med** 1981 Nov-Dec;9(6):378-83

ULNAR NERVE

Anatomy of backpack-strap injury [letter] Johnson RJ. **N Engl J Med** 1981 Dec 24;305(26):1594

VALSALVA'S MANEUVER

The covariation of blood pressure and pulse transit time in hypertensive patients. Allen RA, et al. **Psychophysiology** 1981 May;18(3):301-6
[Influence of left ventricular volume changes induced by Valsalva maneuver on R wave amplitude (author's transl)] Cuomo S, et al. **G Ital Cardiol** 1981;11(7):903-7 (Eng. Abstr.) (Ita)

VECTORCARDIOGRAPHY

Noninvasive assessment of T-wave abnormalities on precordial electrocardiograms in middle-aged professional bicyclists. Nishimura T, et al. **J Electrocardiol** 1981 Oct;14(4):357-64
[Vectorcardiographic criteria of ventricular hypertrophy in a population of athletes] Chignon JC, et al. **Arch Mal Coeur** 1981 Sep;74(9):1099-105 (Eng. Abstr.) (Fre)

VENTILATION-PERFUSION RATIO

[Gas exchanges on effort in diffuse pulmonary emphysema (author's transl)] Lampert-Benignus E, et al. **Poumon Coeur** 1981; 37(3):187-93 (Eng. Abstr.) (Fre)

VISUAL PERCEPTION

Effects of an integrated physical education/music program in changing early childhood perceptual-motor performance. Brown J, et al. **Percept Mot Skills** 1981 Aug;53(1):151-4
Relationship between depth perception and basketball-shooting performance over a competitive season. Isaacs LD. **Percept Pediatr Pathol** 1981 Oct;53(2):554

VITAL CAPACITY

beta-Adrenergic blockade with pindolol (LB-46) in mild to moderate asthma. Sue DY, et al. **Chest** 1981 Nov; 80(5):537-42
Standardization of work intensity for evaluation of exercise-induced bronchoconstriction. Wilson BA, et al. **Eur J Applied Physiol** 1981;47(3):289-94
Prazosin, an alpha 1-adrenoceptor antagonist, partially inhibits exercise-induced asthma. Barnes PJ, et al. **J Allergy Clin Immunol** 1981 Dec;68(6):411-5
Physiological alterations in young swimmers during three years of intensive training. Zauner CW, et al. **J Sports Med Phys Fitness** 1981 Jun;21(2):179-85
Hyperventilation of exercise to induce asthma? Tweeddale PM, et al. **Thorax** 1981 Aug;36(8):596-8
[Evaluation of various methods of motor rehabilitation after gynecological operations] Brzezina D, et al. **Ginekol Pol** 1981 Aug;52(8):743-6 (Eng. Abstr.) (Pol)

VITAMINS

Requirements related to physical activity and inactivity. Nelson RA. **Prog Clin Biol Res** 1981;67:153-60

WATER LOSS, INSENSIBLE

Respiration in exercising fowl. II. Respiratory water loss and heat balance. Brackenbury JH, et al. **J Exp Biol** 1981 Aug; 93:327-32

WEIGHT LIFTING

Weight training-related injuries in the high school athlete. Brady TA, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):1-5
Anabolic steroids are fool's gold. Ryan AJ. **Fed Proc** 1981 Oct; 40(12):2682-8 (63 ref.)
Some observations on strength training and assessment. Gregory LW. **J Sports Med Phys Fitness** 1981 Jun;21(2):130-7
[Physiopathology of superficial venous circulation in athletes] Venerando A, et al. **Phlebologie** 1981 Apr-Jun;34(2):289-98 (Eng. Abstr.) (Fre)

WOLFF-PARKINSON-WHITE SYNDROME

Exercise testing in the Wolff-Parkinson-White syndrome [letter] Lévy S, et al. **Am J Cardiol** 1981 Nov;48(5):976-7
[Myocardial infarction while windsurfing (author's transl)] Schmid P, et al. **MMW** 1981 Sep 18;123(38):1417-9 (Eng. Abstr.) (Ger)

WOMEN

[Sports for health of women. A physiological performance and sociological study] Messing M, et al. **Rehabilitation (Bonn)** 1981; 34(1-2):1-12 (Eng. Abstr.) (Ger)

WORK OF BREATHING

The pathophysiology of inspiratory muscle fatigue. Macklem PT, et al. **Ciba Found Symp** 1981;(82):249-63
Respiratory muscle function, assessment, and training. Shaffer TH, et al. **Phys Ther** 1981 Dec;61(12):1711-23
[Oxygen consumption of the respiratory muscles in increased respiratory resistance] Bühimann AA, et al. **Schweiz Med Wochenschr** 1981 Nov 14;111(46):1752-6 (Eng. Abstr.) (Ger)
[Adaptation to chronic hypoxia at various altitudes] Baroni P. **Minerva Med** 1981 Oct 6;72(38):2549-56 (Eng. Abstr.) (Ita)
[Work of breathing during high altitude exercise] Maculotti L. **Minerva Med** 1981 Oct 6;72(38):2557-64 (Eng. Abstr.) (Ita)

WOUNDS AND INJURIES

Low-intensity X-ray-imaging scope (Lixiscope). Its applications in sports medicine and orthopaedic surgery. Tansey WJ. **Am J Sports Med** 1981 Nov-Dec;9(6):360-4

WRESTLING

Pott's puffy tumor, frontal sinusitis, frontal bone osteomyelitis, and epidural abscess secondary to a wrestling injury. Tudor RB, et al. **Am J Sports Med** 1981 Nov-Dec;9(6):390-1
Fractures and refractures in intercollegiate athletes. An eleven-year experience. Whiteside JA, et al. **Am J Sports Med** 1981 Nov-Dec; 9(6):369-77
National Athletic Injury/Illness Reporting System: eye injuries in college wrestling. Powell JW. **Int Ophthalmol Clin** 1981 Winter; 21(4):47-58
A psychophysiological assessment of elite wrestlers. Silva JM 3d, et al. **Res Q Exerc Sport** 1981 Oct;52(3):348-58

WRIST INJURIES

An analysis of roller skating injuries. Ferkel RD, et al. **Am J Sports Med** 1982 Jan-Feb;10(1):24-30

ZYGOMA

Distribution of stress patterns in the human zygomatic arch and bone. Alexandridis C, et al. **J Oral Rehabil** 1981 Nov; 8(6):495-505

PHYSICAL FITNESS/SPORTS MEDICINE

A

Abben R, Weisfeldt ML: Clinical conferences at The Johns Hopkins Hospital. Presbycardia. Johns Hopkins Med J 1981 Nov;149(5):203–8

Abeshaus MM see **Lewicky RT**

Abramowitz BM see **Kramsch DM**

Adams HR see **Parker JL**

Adams ID see **Cooper H**

Adams TD, Yanowitz FG, Fisher AG, et al: Noninvasive evaluation of exercise training in college-age men. Circulation 1981 Nov;64(5):958–65

Adler KB see **Evans JN**

Ahmad M, Merry SL, Haibach H: Evidence of impaired myocardial perfusion and abnormal left ventricular function during exercise in patients with isolated systolic narrowing of the left anterior descending coronary artery. Am J Cardiol 1981 Nov;48(5):832–6

Alabaster C see **Karliner JS**

Alavaikko A see **Puranen J**

Alber G see **Kreul HG**

Albert DM see **Portis JM**

Alberti KG see **Hanson RD**

Albuquerque EX see **Matthews JC**

Alexandridis C, Thanos CE, Caputo AA: Distribution of stress patterns in the human zygomatic arch and bone.
J Oral Rehabil 1981 Nov;8(6):495–505

Alievskaia LL see **Bukatina AE**

Allen RA, Schneider JA, Davidson DM, et al: The covariation of blood pressure and pulse transit time in hypertensive patients. Psychophysiology 1981 May;18(3):301–6

Alpert BS, Benson L, Olley PM: Peak left ventricular pressure/volume (Emax) during exercise in control subjects and children with left-sided cardiac disease.
Cathet Cardiovasc Diagn 1981;7(2):145–53

Altieri E, Tosi F, Legittimo C: Sulla miosite ossificante post-traumatica. Chir Organi Mov 1981 May–Jun;66(3):415–20 (Eng. Abstr.) **(Ita)**

Alvarez DX see **Inbar O**

Alvarez SE, Peterson M, Lunsford BR: Respiratory treatment of the adult patient with spinal cord injury. Phys Ther 1981 Dec;61(12):1737–45

Ambrosioni E, Costa FV, Montebugnoli L, et al: Intralymphocytic sodium concentration: a sensitive index to identify young subjects at risk of hypertension. Clin Exp Hypertens 1981;3(4):675–91

Ambrosioni E see **Magnani B**

Amendo MT see **Kostis JB**

Ancri D, Basset JY: Etude des variations du volume sanguin régional au niveau des membres sous stimulus d'effort ou thermique dans les artériopathies. J Mal Vasc 1981;6(1):61–5 (Eng. Abstr.) **(Fre)**

Andersen LB see **Klausen K**

Andreassen TT, Seyer-Hansen K, Bailey AJ: Thermal stability, mechanical properties and reducible cross-links of rat tail tendon in experimental diabetes. Biochim Biophys Acta 1981 Oct 12;677(2):313–7

Andrejak M see **Hardin JM**

An'ei T: [Effects of TV-game and healthy endurance running on biological functions (author's transl)] Nippon Eiseigaku Zasshi 1981 Feb;35(6):858–63 (Eng. Abstr.) **(Jpn)**

Angelhed JE see **Bjurö TI**

Anikin VV, Trotsiuk VV: Mikrotsirkuliatsiia, tolerantnost' k fizicheskoĭ nagruzke i nekotorye pokazateli gomeostaza u bol'nykh so stenokardieĭ. Kardiologiia 1981 Aug;21(8):92–5 (Eng. Abstr.) **(Rus)**

Antonaccio MJ, Rubin B, Kotler D: Effects of captopril on vascular reactivity of SHR in vivo and in vitro. Hypertension 1981 Nov–Dec;3(6 Pt 2):II-211–5

Apor P see **Fekete G**

Araki T, Tsujita J, Matsushita K, et al: Thermoregulatory responses of prepubertal boys to heat and cold in relation to physical training. J Hum Ergol (Tokyo) 1980 Sep;9(1):69–80

Arata L see **Fedele F**

Ardies CM see **Farrar RP**

Arenson DJ see **Schlefman BS**

Arita K, Nishida O, Hiramoto T, et al: Physical exercise in 'pulmonary fibrosis'. Hiroshima J Med Sci 1981 Jun;30(2):149–59

Armando MI see **Barontini MB**

Arndt KH: Kriterien der Sporttauglichkeit.
Beitr Orthop Traumatol 1981 Sep;28(9):469–77 (Eng. Abstr.) **(Ger)**

Arns PA see **Hoffman JW**

Aros LF, Loma-Osorio A, San José JM, et al: Metodología de las pruebas de esfuerzo en el primer mes del infarto agudo de miocardio. Rev Esp Cardiol 1981;34(2):127–32 (Eng. Abstr.) **(Spa)**

Arsent'eva IV: Matematicheskoe modelirovanie reaktsiĭ serdechno-sosudistoĭ sistemy cheloveka v usloviiakh postural'nykh prob i fizicheskoĭ nagruzki.
Kosm Biol Aviakosm Med 1981;15(3):31–4 (Eng. Abstr.) **(Rus)**

Arshavskiĭ IA, Rozanova VD, Savkiv TG: Osobennosti i zakonomernosti individual'nogo razvitiia samtsov i samok krys v svete énergeticheskogo pravila skeletnykh myshts.
Zh Obshch Biol 1981 Sep–Oct;42(5):698–707 (Eng. Abstr.) **(Rus)**

Asai H see **Miyata H**

Asoh T, Tsuji H: Preoperative physical training for cardiac patients requiring non-cardiac surgery. Jpn J Surg 1981;11(4):251–5

Aspen AJ see **Kramsch DM**

Asplund J, Ohman P: Metoprolol administered once daily in the treatment of hypertension. A double-blind crossover comparison between conventional tablets and metoprolol Durules.
Ann Clin Res 1981;13 Suppl 30:30–6

Assandri J see **Opasich C**

Astrand I see **Wigaeus E**

Atterhög JH, Eliasson K, Hjemdahl P: Sympathoadrenal and cardiovascular responses to mental stress, isometric handgrip, and cold pressor test in asymptomatic young men with primary T wave abnormalities in the electrocardiogram. Br Heart J 1981 Sep;46(3):311–9

Aulick LH, Robinson S, Tzankoff SP: Arm and leg intravascular temperatures of men during submaximal exercise.
J Appl Physiol 1981 Nov;51(5):1092–7

Aung-Din R see **Longhurst JC**

Avery P see **Brackenbury JH**

Avner BP see **Trotter JA**

B

Bachmann K, Zerzawy R: Radiotelemetry of direct blood pressure measurements in the arterial and pulmonary circulation.

PHYSICAL FITNESS/SPORTS MEDICINE

Biotelem Patient Monit 1981;8(1-2):15-27

Bachmann K, Bäuerlein G: Ambulatory monitoring of arterial blood pressure. Comparison between blood pressure measurements obtained with the Remler M 2000 portable recorder and by radiotelemetry under laboratory conditions and during everyday activities. Biotelem Patient Monit 1981;8(1-2):47-55

Bachmann K see **Zerzawy R**

Bachmann P see **Wigand R**

Badenhorst M see **de Wet FA**

Badke FR, White FC, Le Winter M, et al: Effects of experimental volume-overload hypertrophy on myocardial blood flow and cardiac function. Am J Physiol 1981 Oct;241(4):H564-70

Baele G, Bogaerts H, Clement DL, et al: Platelet activation during treadmill exercise in patients with chronic peripheral arterial disease. Thromb Res 1981 Aug 1;23(3):215-23

Baevskiĭ RM, Barsukova ZhV, Tazetdinov IG: Kiberneticheskiĭ analiz serdechnogo ritma pri probe s dozirovannoĭ fizicheskoĭ nagruzkoĭ u chelnov ekipazheĭ orbital'noĭ stantsii 'Saliut-6'. Kardiologiia 1981 Nov;21(11):100-4 (Eng. Abstr.) **(Rus)**

Baghurst KI see **Dwyer T**

Bagnall WE see **Sweeney RC**

Bahner E see **Brück K**

Bailey AJ see **Andreassen TT**

Bailey DA see **Mirwald RL**

Bailey IK see **Dunn RF**

Bailly DJ see **Pine MB**

Baker C, Ebersole JR: Difficulties in disability Assessment. J Fam Pract 1981 Dec;13(7):1053-7

Baker ER: Menstrual dysfunction and hormonal status in athletic women: a review. Fertil Steril 1981 Dec;36(6):691-6 (35 ref.)

Balabadze MB see **Chazova LV**

Balakrishnan KG see **Chacko KA**

Balasse EO, Féry F: La cétose d'effort et de post-effort: étude chez l'homme normal et diabétique. Rev Med Brux 1981 Apr; 2(4):393-7 (Eng. Abstr.) **(Fre)**

Balasubramanian V see **Millar-Craig MW**

Barck' RL see **Furman RE**

Barden JA, Curmi PM, Dos Remedios CG: Crystalline actin tubes. III. The interaction of scandium and yttrium with skeletal muscle actin. Biochim Biophys Acta 1981 Nov 30;671(1):25-32

Barer GR see **Emery CJ**

Bark S, Bergstrom K, Eriksson S, et al: Serum enzyme CK-B rise following exhaustive physical exercise [letter] Am Heart J 1981 Dec;102(6 Pt 1):1079-80

Barnard RJ see **Grimditch GK**

Barnes PJ, Brown MJ, Silverman M, et al: Circulating catecholamines in exercise and hyperventilation induced asthma. Thorax 1981 Jun;36(6):435-40

Barnes PJ, Wilson NM, Vickers H: Prazosin, an alpha 1-adrenoceptor antagonist, partially inhibits exercise-induced asthma. J Allergy Clin Immunol 1981 Dec;68(6):411-5

Baroni P: Osservazioni sull'adattamento alla ipossia cronica a diverse quote. Minerva Med 1981 Oct 6;72(38):2549-56 (Eng. Abstr.) **(Ita)**

Barontini MB, Feldstein CA, Armando MI, et al: Sympathetic nervous system response to graded exercise: effect of beta-blockade. Hypertension 1981 Nov-Dec;3(6 Pt 2):II-155-9

Barrell GV, Cooper PJ, Elkington AR, et al: Squash ball to eye ball: the likelihood of squash players incurring an eye injury. Br Med J [Clin Res] 1981 Oct 3;283(6296):893-5

Barsukova ZhV see **Baevskiĭ RM**

Bass A see **Vondra K**

Basset JY see **Ancri D**

Bauer JH see **Nevinckas JA**

Bäuerlein G see **Bachmann K**

Baum S see **Dechelette E**

Baun MR see **Baun WB**

Baun WB, Baun MR, Raven PB: A nomogram for the estimate of percent body fat from generalized equations. Res Q Exerc Sport 1981 Oct;52(3):380-4

Baxter P see **Snow DH**

Beattie JM see **Tweddel AC**

Beauverger Y see **Besson C**

Bednarek J: Spostrzeżenia nad wpływem usportowienia młodzieży szkolnej na występowanie wad postawy. Chir Narzadow Ruchu Ortop Pol 1981;46(2):165-7 (Eng. Abstr.) **(Pol)**

Bee D see **Emery CJ**

Belanger AY, McComas AJ: Extent of motor unit activation during effort. J Appl Physiol 1981 Nov;51(5):1131-5

Beliakova NA: Ob osobennostiakh lichnosti i tolerantnosti k fizicheskoĭ nagruzke u bol'nykh postinfarktnym kardiosklerozom. Ter Arkh 1981;53(8):38-41 (Eng. Abstr.) **(Rus)**

Belic L see **Stanic R**

Bel'skiĭ NE, Kushakova NI: Kolichestvennaia otsenka prognoza éffektivnosti fizicheskoĭ reabilitatsii bol'nykh infarktom miokarda na sanatoronom étape. Ter Arkh 1981;53(8):23-5 (Eng. Abstr.) **(Rus)**

Bence Y see **Dumoulin J**

Benirschke R: Interview with Rolf Benirschke: ileostomate and second leading 1980 NFL scorer (interviewed by Philip Pressel). ET J 1981 Nov-Dec;8(6):22, 56

Benson H see **Hoffman JW**

Benson L see **Alpert BS**

Benson NY see **Zauner CW**

Bentivoglio M see **Corea L**

Benz J see **Landolt A**

Berg A, Keul J, Ringwald G, et al: Serumlipoprotein cholesterol in sedentary and trained male patients with coronary heart disease. Clin Cardiol 1981 Sep-Oct;4(5):233-7

Bergamini E see **Villa Moruzzi E**

Bergamini ZG see **Villa Moruzzi E**

Berger BG see **Wilson VE**

Berger HJ see **Marx P**

Bergstrom K see **Bark S**

Bershteĭn SA, Onopchuk IuN, Solov'ev AI: Dinamika kislorodnogo rezhima sosudistoĭ stenki pri funktsional'noĭ giperemii skeletnykh myshts i arterial'noĭ gipoksii. Fiziol Zh 1981 Sep-Oct; 27(5):658-62 (Eng. Abstr.) **(Rus)**

Besson C, Rochcongar P, Beauverger Y, et al: Etude des variations des taux seriques des enzymes musculaires et de la myoglobine après épreuve d' effort maximale et au cours des 24 heures suivantes. Eur J Applied Physiol 1981;47(1):47-56 (Eng. Abstr.) **(Fre)**

Bhutani VK see **Shaffer TH**

Bigland-Ritchie B: EMG and fatigue of human voluntary and stimulated contractions. Ciba Found Symp 1981;(82):130-56

Bigland-Ritchie B, Donovan EF, Roussos CS: Conduction velocity and EMG power spectrum changes in fatigue of sustained maximal efforts. J Appl Physiol 1981 Nov;51(5):1300-5

Binkhorst RA see **Halsbosch MA**

Bird EI see **Wilson VE**

Bjerregaard P, Siggaard J: Marchfraktur fremkaldt af motionsinstrument? Ugeskr Laeger 1981 Jul 6;143(28):1769 (Eng. Abstr.) **(Dan)**

Bjørsvik G see **Myhre K**

Bjurö TI, Falk KJ, Angelhed JE: The isopotential plot—a new method for the assessment of ST amplitude changes provoked by an exercise test. Eur Heart J 1980 Jun;1(3):213-23

Blake RL, Burns DP, Colson JP: Etiology of atraumatic medial knee pain. J Am Podiatry Assoc 1981 Oct;71(10):580-3

Blanke H see **Karsch KR**

Blaufox MD, Wexler JP, Sherman RA, et al: Left ventricular ejection fraction and its response to therapy in essential hypertension. Nephron 1981;28(3):112-7

Blümchen G, Esche HH: Belastungshmodynamik des linken Ventrikels unter chronischer Betarezeptorblocker-Therapie bei Herzinfarktpatienten mit geringer Angina pectoris und guter Belastbarkeit. Z Kardiol 1981 Sep;70(9):678-86 (Eng. Abstr.) **(Ger)**

Bluzhas IN, Zhemaĭtite DI, Misiunene NB, et al: Metodika provedeniia poétapnoĭ reabilitatsii bol'nykh, perenesshikh infarkt miokarda. Kardiologiia 1981 Sep;21(9):10-4 (Eng. Abstr.)**(Rus)**

Bobik A see **Jennings G**

Boccardi L see **Pennestri F**

Bodnar LM see **Brady TA**

Boev VM: Funktsional'noe sostoianie nekotorykh podkorkovykh struktur mozga pri adaptatsii i deadaptatsii k fizicheskoĭ nagruzke. Biull Eksp Biol Med 1981 Sep;92(9):271-3 (Eng. Abstr.) **(Rus)**

Boev VM, Krauz VA: Funktsional'noe sostoianie gippokampo-retikuliliarnogo kompleksa pri submaksimal'noĭ fizicheskoĭ nagruzke i utomlenii. Zh Vyssh Nerv Deiat 1981 Sep-Oct;31(5):1029-37 (Eng. Abstr.) **(Rus)**

Boffety B, Puissant A: Pathologie cutanée des vacances. Rev Prat 1981 Jun 1;31(31):2205-6, 2209-10, 2215-6 passim (Eng. Abstr.) **(Fre)**

Bogaerts H see **Baele G**

Bogush SV, Perfilov VP, Chaialo PP, et al: Vliianie fizicheskoĭ trenirovki na obmen lipidov i lipoproteidov u liudeĭ raznogo vozrasta. Vrach Delo 1981 Sep;(9):51-3 (Eng. Abstr.) **(Rus)**

Bogutskaia EV see **Nironova ZS**

Böhm H, Höbm B, Ludwig B, et al: Ergometrische Dosis-Wirkungs-Studies mit Bunitrolol (Stresson) bei Patienten mit koronarer Herzkrankheit. Wien Med Wochenschr 1981 Sep 30;131(18):457-61 (Eng. Abstr.) **(Ger)**

Böhme H see **Everts B**

Bohr DF see **Webb RC**

Bolliger A see **Kammer G**

Bolton B see **Renfrow NE**

Bonde-Petersen F, Robertson CH Jr: Blood flow in 'red' and "white' calf muscles in cats during isometric and isotonic exercise. Acta Physiol Scand 1981 Jul;112(3):243-51

Bondi S, Ciglia C, Corona C, et al: Comportamento patologico della pressione arteriosa durante prova da sforzo. Boll Soc Ital Cardiol 1980;25(3):263-70 (Eng. Abstr.) **(Ita)**

Booram CV see **Hale OM**

Bopp P see **Moret PR**

Borchard U, Greeff K, Hafner D: The positive inotropic action of triamterene in isolated heart tissues. Its interaction with beta-adrenergic agonists and electrophysiological investigations.

PHYSICAL FITNESS/SPORTS MEDICINE

Arzneimittelforsch 1981;31(10):1688-93
Bortz R see **Shapiro CM**
Bosello O, Ferrari F, Tonon M, et al: Serum thyroid hormone concentration during semi-starvation and physical exercise. Horm Metab Res 1981 Nov;13(11):651-2
Bosisio E, Panzuti F, Sergi M: Ventilatory pattern during handgrip on normal man. Respiration 1981;42(2):84-7
Boucher CA see **Okada RD**
Boughner DR see **Paulsen W**
Bowdler AJ, Dougherty RM, Bowdler NC: Age as a factor affecting erythrocyte osmotic fragility in males. Gerontology 1981; 27(4):224-31
Bowdler NC see **Bowdler AJ**
Bowers KD Jr: Patellar tendon avulsion as a complication of Osgood-Schlatter's disease. Am J Sports Med 1981 Nov-Dec; 9(6):356-9
Bowles MJ see **Subramanian B**
Boyle AM: The Bad Ragaz ring method. Physiotherapy 1981 Sep; 67(9):265-8
Boyne AW, Brockway JM, Ingram JF, et al: Modification, by tractive loading, of the energy cost of walking in sheep, cattle and man. J Physiol (Lond) 1981 Jun;315:303-16
Brackenbury JH, Avery P, Gleeson M: Respiration in exercising fowl. I. Oxygen consumption, respiratory rate and respired gases. J Exp Biol 1981 Aug;93:317-25
Brackenbury JH, Gleeson M, Avery P: Respiration in exercising fowl. II. Respiratory water loss and heat balance. J Exp Biol 1981 Aug;93:327-32
Brady TA, Cahill BR, Bodnar LM: Weight training-related injuries in the high school athlete. Am J Sports Med 1982 Jan-Feb; 10(1):1-5
Brandner G see **Wigand R**
Brandt KD see **Palmoski MJ**
Brassard L see **Taylor AW**
Brauer BM: Methodischer Erfahrungsbericht zur Messwertabnahme bei ergometrischen Untersuchungen im Kindes- und Jugendalter. Arztl Jugendkd 1981;72(5):289-91 (Eng. Abstr.) **(Ger)**
Bregvadze GL see **Kobuliia BG**
Bressler BH: Isometric contractile properties and instantaneous stiffness of amphibian skeletal muscle in the temperature range from 0 to 20 degrees C. Can J Physiol Pharmacol 1981 Jun; 59(6):548-54
Brettel HF: Verletzungen durch Karateschläge. Beitr Gerichtl Med 1981;39:87-90 (Eng. Abstr.) **(Ger)**
Brockway JM see **Boyne AW**
Broden V see **Vondra K**
Brooke MH see **Carroll JE**
Brooks GA see **Davies KJ**
Brose G see **Ivy JL**
Broughton A, Korner PI: Estimation of maximum left ventricular inotropic response from changes in isovolumic indices of contractility in the dog. Cardiovasc Res 1981 Jul;15(7):382-9
Broussolle B: Les accidents de la plongée sous-marine sportive avec scaphandre autonome. Rev Prat 1981 Jun 1;31(31):2237-8, 2241-2, 2245 (Eng. Abstr.) **(Fre)**
Broustet JP see **Lévy S**
Browman CP: Physical activity as a therapy for psychopathology: a reappraisal. J Sports Med Phys Fitness 1981 Jun;21(2):192-7
Brown BG, Josephson MA, Petersen RB, et al: Intravenous dipyridamole combined with isometric handgrip for near maximal acute increase in coronary flow in patients with coronary artery disease. Am J Cardiol 1981 Dec;48(6):1077-85
Brown J, Sherrill C, Gench B: Effects of an integrated physical education/music program in changing early childhood perceptual-motor performance. Percept Mot Skills 1981 Aug; 53(1):151-4
Brown MJ see **Barnes PJ**
Brown RL see **Israel RG**
Bruce RA: Primary intervention against coronary atherosclerosis by exercise conditioning? [editorial] N Engl J Med 1981 Dec 17;305(25):1525-6
Bruce RA: Maximal exercise testing: prognostic value for assessment of coronary heart disease risk. Postgrad Med 1981 Dec;70(6):161-8
Brück K, Baehner E, Krannig B, et al: Exercise performance and adaptive modifications in the thermoregulatory system. Int J Biometeorol 1980 Dec;24 Suppl 2:42-53
Bruhn R, Höffken I, Henry R, et al: Ein klinisch-pharmakologisches Verfahren zur Messung der beta-adrenolytischen Wirkung ohne invasive Techniken. Arzneimittelforsch 1981;31(8):1299-302 (Eng. Abstr.) **(Ger)**
Brumback RA, Carlson KM, Wilson H, et al: Myotonic dystrophy as a disease of abnormal membrane receptors: an hypothesis of pathophysiology and a new approach to treatment. Med Hypotheses 1981 Aug;7(8):1059-66 (39 ref.)
Brun TA see **Geissler CA**
Bründel KH, Büssing A: Energiestoffwechsel und Herzfrequenz bei Grubenwehrmitgliedern. Zentralbl Arbeitsmed Arbeitsschutz Prophyl Ergonomie 1981 Mar;31(3):106-13 (Eng. Abstr.) **(Ger)**
Brzezina D, Dzieciuchowicz L, Dobosiewicz K, et al: Ocena niektórych metod usprawniania ruchowego po operacjach ginekologicznych. Ginekol Pol 1981 Aug;52(8):743-6 (Eng. Abstr.) **(Pol)**
Buckland-Nicks JA, Chia FS: Locomotion of the filiform sperm of littorina (Gastropoda, Prosobranchia). Cell Tissue Res 1981; 219(1):27-39
Bühlmann AA, Kulstrunk M: Sauerstoffverbrauch der Atemmuskulatur bei erhöhten Atemwegwiderständen. Schweiz Med Wochenschr 1981 Nov 14;111(46):1752-6 (Eng. Abstr.) **(Ger)**
Bukatina AE, Chaplii MF, Alievskaia LL: Vliianie kal'tsiia na vremennye kharakteristiki myshechnogo sokrashcheniia. Biofizika 1981 Jul-Aug;26(4):749-51 (Eng. Abstr.) **(Rus)**
Bülow J: Human adipose tissue blood flow during prolonged exercise, III. Effect of beta-adrenergic blockade, nicotinic acid and glucose infusion. Scand J Clin Lab Invest 1981 Jun; 41(4):415-24
Bundgaard A, Ingemann-Hansen T, Schmidt A, et al: The importance of ventilation in exercise-induced asthma. Allergy 1981 Aug;36(6):385-9
Buonomini G see **Cerri B**
Burgess DA see **Mallinson BM**
Burks TF: Drug use in athletics. Introduction. Fed Proc 1981 Oct; 40(12):2680-1
Burns DP see **Blake RL**
Burse HL see **Petrofsky JS**
Busnel RG, Lehmann AG: Antagonistic effect of sodium ascorbate on ethanol-induced changes in swimming of mice. Behav Brain Res 1980 Aug;1(4):351-6
Büssing A see **Bründel KH**
Bussmann WD, Giebeler B, Kaltenbach M: Verlaufsbeobachtungen bei koronarer Herzkrankheit. Vergleich invasiver und nicht-invasier Parameter. Dtsch Med Wochenschr 1981 Oct 23; 106(43):1409-12 (Eng. Abstr.) **(Ger)**
Bussmann WD, Kratz M, Kober G, et al: Korrelation zwischen isovolumetrischen und auxotonischen Kontraktilitätsparametern in Ruhe- und unter Belastungsbedingungen. Z Kardiol 1981 Dec; 70(12):884-8 (Eng. Abstr.) **(Ger)**
Bykhovskiĭ VM see **Gubanova VI**
Byrne JD see **Ludbrook PA**

C

Caflero JM see **Lepow GM**
Cahill BR see **Brady TA**
Cales RH, Humphreys N, Pilmanis AA, et al: Cardiac arrest from gas embolism in scuba diving. Ann Emerg Med 1981 Nov; 10(11):589-92
Calverley PM, Leggett RJ, Flenley DC: Carbon monoxide and exercise tolerance in chronic bronchitis and emphysema. Br Med J [Clin Res] 1981 Oct 3;283(6296):878-80
Calvert GD see **Dwyer T**
Camaione DN, Sinatra ST: Beneficial effects of exercise and current concepts in adult fitness. Conn Med 1981 Oct;45(10):620-5
Cameron N see **Mirwald RL**
Cameron-Foster J see **Sibley L**
Campanacci L, Faccini L, Englaro E, et al: Exercise-induced proteinuria. Contrib Nephrol 1981;26:31-41
Canale ST, Cantler ED Jr, Sisk TD, et al: A chronicle of injuries of an American intercollegiate football team. Am J Sports Med 1981 Nov-Dec;9(6):384-9
Cantler ED Jr see **Canale ST**
Cappelli V, Poggesi C, Ricciardi L, et al: Tritiated water (HTO) and inulin spaces in isolated skeletal and cardiac muscles: influence of contractile activity. Experientia 1981;37(8):849-50
Caputo AA see **Alexandridis C**
Caputo AA see **Williams BR**
Care GR, Harfield B, Chamberlain MA: And have you done your exercises? Physiotherapy 1981 Jun;67(6):180
Carlen PL see **Jacob MS**
Carlson KM see **Brumback RA**
Carlsson S see **Tornling G**
Carr D, Johnson RJ, Pope MH: Upper extremity injuries in skiing. Am J Sports Med 1981 Nov-Dec;9(6):378-83
Carr DB see **Jaffe RA**
Carroll JE, Shumate JB, Brooke MH, et al: Riboflavin-responsive lipid myopathy and carnitine deficiency. Neurology (NY) 1981 Dec;31(12):1557-9
Carson JP see **Tudor RB**
Carter J, Reynoldson JA, Thorburn GD, et al: Blood flow measurement during exercise in sheep using Doppler ultrasonic method. Med Biol Eng Comput 1981 May;19(3):373-6
Cashman PM see **Millar-Craig MW**
Castellano B see **Malvezzi A**
Caudt K see **Procházka Z**
Cavagna GA, Franzetti P: Mechanics of competition walking. J Physiol (Lond) 1981 Jun;315:243-51

PHYSICAL FITNESS/SPORTS MEDICINE

Cayea PD, Pavlov H, Sherman MF, et al: Lucent articular lesion in the lateral femoral condyle: source of patellar femoral pain in the athletic adolescent. AJR 1981 Dec;137(6):1145-9
Cecconi V see **Zamponi A**
Cedermark M see **Lithell H**
Cerri B, Grasso S, Buonomini G, et al: Effetti della nifedipina in corso di riabilitazione di pazienti con by-pass aortocoronarici. Minerva Cardioangiol 1981 Sep;29(9):483-90 (Eng. Abstr.)**(Ita)**
Cervone M see **Data PG**
Chacko KA, Balakrishnan KG: Transient pathological Q waves in the electrocardiogram induced by exercise. Indian Heart J 1981 May-Jun;33(3):109-13
Chadwick CJ see **Sweeney RC**
Chaialo PP see **Bogush SV**
Chakroun R see **Jussiant P**
Chamberlain MA see **Care GR**
Chance B, Eleff S, Leigh JS Jr, et al: Mitochondrial regulation of phosphocreatine/inorganic phosphate ratios in exercising human muscle: a gated 31P NMR study. Proc Natl Acad Sci USA 1981 Nov;78(11):6714-8
Chang F see **Reaven GM**
Chang KS see **Snellen JW**
Chaplii MF see **Bukatina AE**
Chatterjee SK see **Nag PK**
Chazova LV, Balabadze ME, Glazunov IS, et al: Primenenie standartnogo oprosnika VOZ po vyiavleniiu stenokardii napriazheniia pri massovykh obsledovaniiakh naseleniia. Ter Arkh 1981;53(5):33-8 (Eng. Abstr.) **(Rus)**
Chen CH see **Nishimura T**
Chenman M see **Richardson JH**
Chernukh AM, Gomazkov OA, Komissarova NV, et al: Izmeneniia pokazatelei 'sistema faktora Khagemana' pri adaptatsii cheloveka k intensivnoi fizicheskoi nagruzke. Patol Fiziol Eksp Ter 1981 Sep-Oct;(5):25-8 (Eng. Abstr.) **(Rus)**
Chia FS see **Buckland-Nicks JA**
Chiang CW see **Hsu TS**
Chignon JC, Distel R: Critéres vectocardiographiques d'hypertrophie ventriculaire dans une population de sportifs de compétition. Arch Mal Coeur 1981 Sep;74(9):1099-105 (Eng. Abstr.) **(Fre)**
Chmir VP see **Ianovskii GV**
Cho YW, Han HC, OH SY, et al: A double-blind, placebo-controlled evaluation of (dl)-3,7-dihydro-1,8-dimethyl-3-(2-methylbutyl)-1H-purine-2, in exercise-induced bronchospasm. Int J Clin Pharmacol Ther Toxicol 1981 Jun;19(6):266-72
Cholewa M see **Markiewicz K**
Christensen LV: Isometric endurance of masseter muscle in children. J Oral Rehabil 1981 Nov;8(6):473-8
Christensen LV: Progressive jaw muscle fatigue of experimental tooth clenching in man. J Oral Rehabil 1981 Sep;8(5):413-20
Churin VD, Krivoruchenko IV: Otsenka rezul'tatov veloergometricheskikh testov u bol'nykh postinfarktnym kardiosklerozom. Kardiologiia 1981;21(10):97-101 (Eng. Abstr.) **(Rus)**
Ciglia C see **Bondi S**
Cikos J, Topalov V, Trifunovic S: Vrednost testa opterećenja u bolesnika s poremećajima srčanog ritma. Med Pregl 1981; 34(5-6):225-9 (Eng. Abstr.) **(Scr)**
Cintrón G, Hernández E, Linares E, et al: Correlation of early hemodynamics during myocardial infarction and subsequent exercise testing. Bol Asoc Med PR 1981 Jul;73(7):316-20
Citron PD see **Pine MB**
Clamann HP see **Kuo KH**
Clark E see **Gibson GJ**
Clark LA: Physical fitness as a facilitating factor in nursing. Assertive Nurse 1980 May;3(3):3-5
Clarkson PM, Kroll W, Melchionda AM: Age, isometric strength, rate of tension development and fiber type composition. J Gerontol 1981 Nov;36(6):648-53
Clement DB see **McKenzie DC**
Clement DL see **Baele G**
Clerico A, Ferdeghini M, Palombo C, et al: Effect of anabolic treatment on the serum levels of gonadotropins, testosterone, prolactin, thyroid hormones and myoglobin of male athletes under physical training. J Nucl Med Allied Sci 1981 Jul-Sep; 25(3):79-88
Cléroux J see **Péronnet F**
Cobb RS: Health education... a separate and unique discipline. J Sch Health 1981 Nov;51(9):603-4
Cobelli F see **Opasich C**
Cobelli F see **Vecchio C**
Cochran RM see **Ihle CL**
Cockroft C see **Mallinson BM**
Codini MA, Sommerfeldt L, Erbel CE, et al: Clinical significance and characteristics of exercise-induced ventricular tachycardia. Cathet Cardiovasc Diagn 1981;7(3):227-34
Coglitore G see **Saitta A**
Cohen C see **Macklem PT**
Cohen MV, Yipintsoi T: Coronary collaterals: role in restoration of blood flow and preservation of cardiac function during exercise. Basic Res Cardiol 1981 Sep-Oct;76(5):474-9
Cohen SG see **Greenberg MS**
Coleman RE, Schuler R: Single-pass ventricular function studies. Clin Nucl Med 1981 Oct;6(10S):P117-21
Coll J see **Sanz G**
Colson JP see **Blake RL**
Constantinou CE, Yamaguchi O: Multiple-coupled pacemaker system in renal pelvis of the unicalyceal kidney. Am J Physiol 1981 Nov;241(5):R412-8
Convertino V, Hung J, Goldwater D, et al: Cardiovascular responses to exercise in middle-aged men after 10 days of bedrest. Circulation 1982 Jan;65(1):134-40
Cook B see **Swartman JR**
Cook EA, Taylor PB, Swartman JR: Effect of acute exercise on amino acid incorporation into the rat myocardium. Eur J Applied Physiol 1981;47(2):105-11
Cooper H, Dodds WN, Adams ID, et al: Use and misuse of the tape-measure as a means of assessing muscle strength and power. Rheumatol Rehabil 1981 Nov;20(4):211-8
Cooper PJ see **Barrell GV**
Corbett K see **Trotter JA**
Coree L, Bentivoglio M, Verdecchia P: Plasma potassium during exercise [letter] Lancet 1981 Dec 5;2(8258):1292
Corona C see **Bondi S**
Costa FV see **Ambrosioni E**
Costa FV see **Magnani B**
Costa GM see **Zacà F**
Cotogni A see **Manca C**
Cottrill CM, Kotchen JM, Guthrie G, et al: Cardiovascular responses to exercise following adolescent hypertensive pregnancy. J Adolesc Health Care 1981 Dec;1(2):91-5
Coughlin LP see **Hastings DE**
Cowan R see **Perloff D**
Cox RH: Basis for the altered arterial wall mechanics in the spontaneously hypertensive rat. Hypertension 1981 Jul-Aug; 3(4):485-95
Crawford PB see **Ku LC**
Crielaard JM, Pirnay F: Anaerobic and aerobic power of top athletes. Eur J Applied Physiol 1981;47(3):295-300
Crisp AJ see **Isenberg DA**
Croft DN see **Saltissi S**
Cruccu G, Dolce G, Vigevano F: Il training neuropsicologico nel trattamento riabilitativo dell'emiplegico adulto. Riv Neurobiol 1980 Jan-Mar;26(1):50-5 (Eng. Abstr.) **(Ita)**
Cruickshank JM see **Harry JD**
Cukier J, Pascal B, Mangin P: La sémiologie révélatrice du cancer du rein chez l'adulte. Revue de 184 observations. Acta Urol Belg 1981 Jul;49(3):259-62 (Eng. Abstr.) **(Fre)**
Cullinane E see **Thompson PD**
Cumming DC see **Schwartz B**
Cunningham DA see **Paterson DH**
Cunningham DA see **Ready AE**
Cuomo S, Vigorito C, De Caprio L, et al: Influenza delle variazioni del volume ventricolare sinistro indotte dalla manovra di Valsalva sull'ampiezza dell'onda R. G Ital Cardiol 1981; 11(7):903-7 (Eng. Abstr.) **(Ita)**
Curmi PM see **Barden JA**

D

Daffner RH, Gehweiler JA Jr: Pseudovacuum of the cervical intervertebral disc: a normal variant. AJR 1981 Oct;137(4):737-9
Daffner RH, Martinez S, Gehweiler JA Jr, et al: Stress fractures of the proximal tibia in runners. Radiology 1982 Jan;142(1):63-5
Dahl R see **Henriksen JM**
Dallaire J see **Wenger HA**
Dalsgaard-Nielsen J see **Jürgensen HJ**
Danoff JV see **Hanson CT**
Data PG, De Sanctis S, Cervone M, et al: Valutazioni dei parametri di funzionalità respiratoria nei pescatori di spugne dell'isola di Kalimnos (Grecia). Boll Soc Ital Biol Sper 1981 Aug 30; 57(16):1727-30 (Eng. Abstr.) **(Ita)**
Daub B see **Green HJ**
Davey DF, Dunlop C, Hoh JF, et al: Contractile properties and ultrastructure of extensor digitorum longus and soleus muscles in spinal cord transected rats. Aust J Exp Biol Med Sci 1981 Aug;59(4):393-404
Davidovici M see **Lamendin H**
Davidson DM see **Allen RA**
Davies AB see **Subramanian B**
Davies KJ, Packer L, Brooks GA: Biochemical adaptation of mitochondria, muscle, and whole-animal respiration to endurance training. Arch Biochem Biophys 1981 Jul; 209(2):539-54
Davies MH: Stress, personality, and coronary artery disease. Br J Hosp Med 1981 Oct;26(4):350, 353, 359-60
Davis HA, Gass GC, Eager D, et al: Oxygen deficit during incremental exercise. Eur J Applied Physiol 1981;47(2):133-40

PHYSICAL FITNESS/SPORTS MEDICINE

de Bisschop G see **Dumoulin J**
Debru JL see **Dechelette E**
Debru JL see **Mallion JM**
Dec L see **Prochaczek F**
De Caprio L see **Cuomo S**
Dechelette E, Baum S, Debru JL, et al: Données de l'étude des variations de la tension artérielle à l'effort chez 106 garçons âgés de 11 à 16 ans. Arch Mal Coeur 1981 Jun;74 Spec No:27-35 (Eng. Abstr.) **(Fre)**
Deck J see **Quadagno DM**
de Decker W: Kestenbaum transposition operation for treatment of the Duane I retraction syndrome. Trans Ophthalmol Soc UK 1980;100(4):479-82
De Gaudemaris R see **Mallion JM**
DeHaven KE see **Griffiths HJ**
Dei Cas L, Zonca A, Mansour M, et al: Studio degli intervalli sistolici, di base e dopo sforzo al cicioergometro, in soggetti portatori di prolasso mitralico, sintomatici ed asintomatici. Boll Soc Ital Cardiol 1980;25(6):569-75 (Eng. Abstr.) **(Ita)**
Dei Cas L see **Manca C**
DeLee JCU, Stiehl JB: Open tibia fracture with compartment syndrome. Clin Orthop 1981;(160):175-84
De Leo A see **Saitta A**
Della Morte F see **Pelosi G**
Del Vecchio M: Breathing - anyone? Heal Light 1981 Jun;1(2):6
Dembo AG, Zemtsovskiĭ EV: Issledovanie i otsenka narusheniĭ ritma serdtsa u molodykh dorovykh liudeĭ. Kardiologiia 1981; 21(10):51-5 (Eng. Abstr.) **(Rus)**
DeMots H see **Greenberg BH**
DeQuattro V see **Sullivan P**
Derévenco P, Stoica N, Vaida A: Other effects of monoaminergic inhibition with 6-hydroxydopamine and of disulfiram on the response to exercise in rats. Physiologie 1981;18(3):181-5
Derscheid GL, Garrick JG: Medial collateral ligament injuries in football. Nonoperative management of grade I and grade II sprains. Am J Sports Med 1981 Nov-Dec;9(6):365-8
De Sanctis S see **Data PG**
Dessureault J see **Girouard Y**
De Toma L see **Scrutinio D**
Deutsch SJ see **Pfeifer PE**
Devy CM see **Webb WB**
de Wet FA, Badenhorst M, Rossouw LM: Mouthguards for rugby players at primary school level. Tydskr Tandheelkd Ver S Afr 1981 Apr;36(4):249-53
de Wet FA: The prevention of orofacial sports injuries in the adolescent. Int Dent J 1981 Dec;31(4):313-9
Diadiusha GP, Poliakova NK: Ingibirovanie adrenalinom atsetilkholinésteraznoĭ aktivnosti sarkolemmy skeletnykh myshts. Biokhimiia 1981 Sep;46(9):1558-63 (Eng. Abstr.) **(Rus)**
Disley A see **Twentyman OP**
Distel R see **Chignon JC**
Ditiatev VP see **Oranskiĭ IE**
Dixon RL see **Peters MA**
Doba N, Matsushima T, Nishiwaki K, et al: [Exercise training of patients with ischemic heart disease: preliminary study on their trainabilities (author's transl)] Kokyu To Junkan 1981 Jun; 29(6):659-65 (Eng. Abstr.) **(Jpn)**
Dobosiewicz K see **Brzezina D**
Dodds WN see **Cooper H**
Dolce G see **Cruccu G**
Dolovich J, Hargreave FE: Strategies in the control of asthma. Med Clin North Am 1981 Sep;65(5):1033-43 (41 ref.)
Dongradi G, Kahn JC, Rocha P, et al: Courbes de fonction du ventricule gauche chez les patients hémodialysés chroniques: étude au cours d'un effort intense et au cours d'une perfusion de dextran. Nephrologie 1981;2(2):73-6 (Eng. Abstr.) **(Fre)**
Donner A see **Paterson DH**
Donovan EF see **Bigland-Ritchie B**
Dorn F see **Lönne E**
Dos Remedios CG see **Barden JA**
Doshchitsin VL see **Zhivoderov VM**
Dougherty RM see **Bowdler AJ**
Doxandabaratz J see **Serra Grima JR**
Dreslinski GR see **Messerli FH**
Dressler J see **Rigo P**
Duguid NJ see **McClean PA**
Dukát A see **Mikes Z**
Duke D, Kelly K: Cardiac rehabilitation in the critical care unit. Crit Care Nurse 1980 Nov-Dec;1(1):32-8
Dulhunty AF: Slow potassium contractures in mouse limb muscles. J Physiol (Lond) 1981 May;314:91-105
Dumoulin J, de Bisschop G, Bence Y, et al: Les épicondylagies. Electrodiagn Ther 1981;18(3):119-29 (Eng. Abstr.) **(Fre)**
Dunant JH: Effort thrombosis, a complication of thoracic outlet syndrome. Vasa 1981;10(4):322-4
Duncan HW see **Grimditch GK**
Dunlop C see **Davey DF**
Dunn RF, Freedman B, Bailey IK, et al: Localization of coronary artery disease with exercise electrocardiography: correlation wit thallium-201 myocardial perfusion scanning. Am J Cardiol 1981 Nov;48(5):837-43
Dunning AJ see **Folmer SC**
Durbin RJ see **Wilde SW**
Durkin TE: Lacerations in Rugby Union football. Practitioner 1981 Jul;225(1357):1043-44
Dwyer T, Calvert GD, Baghurst KI, et al: Diet, other lifestyle factors and HDL cholesterol in a population of Australian male service recruits. Am J Epidemiol 1981 Nov;114(5):683-96
Dziak VN, Valevskiĭ SF: Mekhanizmy kompensatsii i adaptatsii pri giperfunktsii serdtsa. Vrach Delo 1981 Mar;(3):86-92 (Eng. Abstr.) **(Rus)**
Dzieciuchowicz L see **Brzezina D**

E

Eager D see **Davis HA**
Easterbrook M: Eye injuries in racket sports. Int Ophthalmol Clin 1981 Winter;21(4):87-119
Ebashi H see **Shibayama H**
Ebersole JB see **Baker C**
Eden RS see **Williams RS**
Edgerton VR, Ohira Y, Hettiarachchi J, et al: Elevation of hemoglobin and work tolerance in iron-deficient subjects. J Nutr Sci Vitaminol (Tokyo) 1981;27(2):77-86
Edgerton VR see **Ohira Y**
Edwards P: Physical activity and persons with disabilities. Can J Public Health 1981 May-Jun;72(3):170-1
Edwards RH: Human muscle function and fatigue. Ciba Found Symp 1981;(82):1-18
Edwards RH see **Rennie MJ**
Efimov AS, Litvinenko AF, Gusachenko EK: Fizicheskaia nagruzka u bol'nykh sakharnym diabetom (Obzor literatury i sobstvennye dannye). Ter Arkh 1981;53(7):139-42 (Eng. Abstr.) **(Rus)**
Egorov AD, Itsekhovskiĭ OG, Poliakova AP, et al: Rezul'taty issledovaniia gemodinamiki i fazovoĭ struktury serdechnogo tsikla pri funktsional'noĭ probe s dozirovannoĭ fizicheskoĭ nagruzkoĭ v 140-sutochnom polete na stantsii 'Saliut-6'. Kosm Biol Aviakosm Med 1981;15(3):18-22 (Eng. Abstr.) **(Rus)**
Ehsani AA, Heath GW, Hagberg JM, et al: Effects of 12 months of intense exercise training on ischemic ST-segment depression in patients with coronary artery disease. Circulation 1981 Dec; 64(6):1116-24
Eleff S see **Chance B**
Eliasson K see **Atterhög JH**
Elkington AR see **Barrell GV**
Ellaway PH, Murphy PR: A comparison of the recurrent inhibition of alpha- and gamma-motoneurones in the cat. J Physiol (Lond) 1981 Jun;315:43-58
Ellenberger C Jr see **Petro DJ**
Eller A, Nyakas C, Szabó G, et al: Corticosterone binding in myocardial tissue of rats after chronic stress and adrenalectomy. Acta Physiol Acad Sci Hung 1981;57(3):205-11
Emery CJ, Bee D, Barer GR: Mechanical properties and reactivity of vessels in isolated perfused lungs of chronically hypoxic rats. Clin Sci 1981 Nov;61(5):569-80
Endoh M, Iijima T: Twitch potentiation by rest in canine ventricular muscle: effects of theophylline. Am J Physiol 1981 Oct;241(4):H583-90
Engelhardt P see **Jakob RP**
Englaro E see **Campanacci L**
Enomoto S see **Horie T**
Ensinck J see **Robin ED**
Epstein PA, Kidd KK: Dermo-distortive urticaria: an autosomal dominant dermatologic disorder. Am J Med Genet 1981; 9(4):307-15
Epstein Y, Keren G, Udassin R, et al: Way of life as a determinant of physical fitness. Eur J Applied Physiol 1981;47(1):1-5
Eremenko AE see **Eremenko NS**
Eremenko NS, Eremenko AE, Petrika MI: Korreliatsiia blizorukosti s myshechnoĭ siloĭ ruk. Oftalmol Zh 1981;36(6):348-51 (Eng. Abstr.) **(Rus)**
Eriksson BO, Hanson E: Muscle metabolism during exercise in men operated upon for coarctation of the aorta in childhood. Scand J Clin Lab Invest 1981 Apr;41(2):135-41
Eriksson S see **Bark S**
Ersing WF: Physical education and the handicapped. Conn Med 1981 Sep;45(9):578-82
Esche HH see **Blümchen G**
Esscher EB: Congenital complete heart block in adolescence and adult life. A follow-up study. Eur Heart J 1981 Aug;2(4):281-8
Ester P see **Karsch KR**
Evans JN, Adler KB: The lung strip: evaluation of a method to study contractility of pulmonary parenchyma. Exp Lung Res 1981 Aug;2(3):187-95
Evans JN see **Wilson BA**
Everts B, Böhme H: Einfluss dosierter Ergometerbelastung auf die Funktion menschlicher Thrombozyten. Vergleichende Untersuchungen bei Kontrollpersonen und Patienten mit

arterieller Verschlusskrankheit im Stadium II nach Fontaine. Vasa 1981;10(4):299-303 (Eng. Abstr.) (Ger)
Ewing ME see **Greendorfer SL**
Eybel CE see **Codini MA**
Eynon RB see **Ready AE**

F

Faccini L see **Campanacci L**
Falk KJ see **Bjurö TI**
Farrar RP, Martin TP, Ardies CM: The interaction of aging and endurance exercise upon the mitochondrial function of skeletal muscle. J Gerontol 1981 Nov;36(6):642-7
Farrar RP see **Spirduso WW**
Farrell PA: Maximal expiratory flow-volume relationships before and after eight weeks of endurance training. J Sports Med Phys Fitness 1981 Jun;21(2):145-9
Fedele F, Arata L, Giannico S, et al: Comportamento ecocardiografico durante prove ergometriche nei soggetti con angina stabile da sforzo. G Ital Cardiol 1981;11(3):310-20 (Eng. Abstr.) (Ita)
Fekete G, Apor P: Data on muscle fibre conversion and fibre splitting in man. Acta Physiol Acad Sci Hung 1981;57(2):163-70
Feldman RL, Whittle JL, Pepine CJ, et al: Regional coronary angiographic observations during cold stimulation in patient with exertional chest pain: comparison of diameter responses in normal and fixed stenotic vessels. Am Heart J 1981 Nov;102(5):822-30
Feldstein CA see **Barontini MB**
Ferdeghini M see **Clerico A**
Ferguson A, Kierkegaard E: Skade opstået ved tovtraekning. Ugeskr Laeger 1981 Sep 7;143(37):2354 (Eng. Abstr.) (Dan)
Ferkel RD, Mai LL, Ullis KC, et al: An analysis of roller skating injuries. Am J Sports Med 1982 Jan-Feb;10(1):24-30
Ferland P see **Girouard Y**
Ferrari F see **Bosello O**
Ferrer EB see **Teeple E**
Ferri A, Grazi E: Different polymeric forms of actin detected by the fluorescent probe terbium ion. Biochemistry 1981 Oct 27;20(22):6362-6
Ferrier GR see **Wasserstrom JA**
Féry F see **Balasse EO**
Filley GF, Swanson GD, Kindig NB: Chemical breathing controls: slow, intermediate and fast. Clin Chest Med 1980 Jan;1(1):13-32 (114 ref.)
Finnegan TP: Medical problems of a high altitude Himalayan expedition. J R Army Med Corps 1981 Oct;127(3):141-7
Fisher AG see **Adams TD**
Flament F: Evaluation et dépistage des arythmies cardiaques par l'épreuve d'effort. Rev Med Brux 1981 Oct;2(8):683-92 (Eng. Abstr.) (Fre)
Fleagle SB see **Whiteside JA**
Flenley DC see **Calverley PM**
Fletcher GF see **McClelland J**
Folgering HT see **Hulsbosch MA**
Folmer SC, Wieling W, Dunning AJ: Myocardial perfusion imaging with thallium-201 to assess left ventricular hypertrophy and regional ischaemia in hypertensive patients. Eur J Clin Invest 1981 Aug;11(4):291-7
Forse G see **Selwyn AP**
Fox K see **Selwyn AP**
Franco A, Guidicelli H, Legrand E, et al: Traitement de la claudication intermittente par l'entrainement physique. Techniques et place de la rééducation. J Mal Vasc 1981;6(1):6-7 (Eng. Abstr.) (Fre)
Frańczuk H see **Rdzanek J**
Frangos A see **Spinnler MT**
Frank H see **Wolkove N**
Franklin D see **Tomoike H**
Franklin TD see **Wild JJ Jr**
Frantz AG see **Ragavan VV**
Franzetti P see **Cavagna GA**
Freedman B see **Dunn RF**
Fripp RR see **Goldberg B**
Frisk-Holmberg M, Jorfeldt L, Juhlin-Dannfelt A, et al: Leg blood flow during exercise in man in relation to muscle fibre composition. Acta Physiol Scand 1981 Jul;112(3):339-42
Fröberg J see **Lithell H**
Froelicher VF, Maron D: Exercise testing and ancillary techniques to screen for coronary heart disease. Prog Cardiovasc Dis 1981 Nov-Dec;24(3):261-74 (57 ref.)
Fruin ME see **Gordon CJ**
Fuglsang-Frederiksen A: Electrical activity and force during voluntary contraction of normal and diseased muscle. Acta Neurol Scand [Suppl] 1981;63(83):1-60
Fujitsuka N see **Miyamura M**
Fukui S, Sato H, Ogidani N, et al: Clinical significance of exercise-induced ST changes in patients with prior myocardial infarction: comparison of electrocardiographic and angiographic findings. Jpn Circ J 1981 Oct;45(10):1131-7
Fulkerson JP: Arthroscopic knee surgery in athletes. Conn Med 1981 Oct;45(10):642-3
Fulkerson JP see **Gossling HR**
Fuller EO, Nutter DO: Endurance training in the rat. II. Performance of isolated and intact heart. J Appl Physiol 1981 Oct;51(4):941-7
Fuller EO see **Nutter DO**
Furman RE, Barchi RL: 20,25-diazacholesterol myotonia: an electrophysiological study. Ann Neurol 1981 Sep;10(3):251-60

G

Gabriele P see **Zamponi A**
Gahéry Y, Legallet E: Influence of initial posture on posturo-kinetic co-ordination in the cat. Exp Brain Res 1981;44(2):177-86
Gallagher JD see **Thomas JR**
Galle RR: Kolichestvennaia otsenka klimicheskikh proiavlenii bolezni dvizheniia. Kosm Biol Aviakosm Med 1981;15(3):72-5 (Eng. Abstr.) (Rus)
Gambles SA see **Stark RD**
Garabee WF Jr: Craniomandibular orthopedics and athletic performance in the long distance runner: a three year study. Basal Facts 1981 Summer;4(3):77-81
Gardner GW see **Ohira Y**
Garofalo J see **Kaplan AP**
Garrick JG see **Derscheid GL**
Gasilin VS, Lupanov VP, Mazaeva VP: Lozhnootritsatel'nye rezul'taty veloergometricheskoi proby u bol'nykh ishemicheskoi bolezn'iu serdtsa so stenoziruiushchim aterosklerozom koronarnykh arterii. Kardiologiia 1981;21(10):94-7 (Eng. Abstr.) (Rus)
Gass GC see **Davis HA**
Gastl G, Schwab W, Raas E: Einfluss von Gesundheitssport auf die Kreislaufadaptation in der Schwangerschaft. Wien Med Wochenschr 1981 Aug 31;131(15-16):383-5 (Eng. Abstr.) (Ger)
Gatev V, Stefanova-Uzunova M, Stamatova L: Influence of vertical posture development on the velocity properties of triceps surae muscle in normal children. J Neurol Sci 1981 Oct;52(1):85-90
Gautier H see **Maillard D**
Gehweiler JA Jr see **Daffner RH**
Geissler CA, Brun TA, Mirbagheri I, et al: The energy expenditure of female carpet weavers and rural women in Iran. Am J Clin Nutr 1981 Dec;34(12):2776-83
Gellert A see **Woodcock AA**
Gench B see **Brown J**
Ghia JN see **Teeple E**
Giannico S see **Fedele F**
Gibbs CH, Mahan PE, Lundeen HC, et al: Occlusal forces during chewing—influences of biting strength and food consistency. J Prosthet Dent 1981 Nov;46(5):561-7
Gibson GJ, Clark E, Pride NB: Static transdiaphragmatic pressures in normal subjects and in patients with chronic hyperinflation. Am Rev Respir Dis 1981 Dec;124(6):685-9
Giebeler B see **Bussmann WD**
Gieremek K: Analiza efektywności usprawniania ruchowego pacjentów z ZZSK. Reumatologia 1981;19(1):53-8 (Eng. Abstr.) (Pol)
Gimple K see **Grana WA**
Girouard Y, Dessureault J, Ferland P, et al: Double approche pour l'étude du saut en hauteur: attention exigée et biomécanique. Can J Appl Sport Sci 1981 Sep;6(3):126-31 (Eng. Abstr.) (Fre)
Glazunov IS see **Chazova LV**
Gleeson M see **Brackenbury JH**
Goad RF, Page B, Nichols G, et al: Skin disinfection in the hyperbaric environment: a pilot study. J R Nav Med Serv 1981;67(2):85-9
Gobel FL, Nordstrom LA, Nelson RR, et al: The pathophysiology of angina pectoris and the effect of lidoflazine. Circulation 1982 Jan;65(1 Pt 2):I27-32 (49 ref.)
Goddard C see **Scott OM**
Godden DJ see **Tweeddale PM**
Godfrey S: Worldwide experience with albuterol (salbutamol). Ann Allergy 1981 Nov;47(5 Pt 2):423-6
Godman MJ see **Irving JB**
Goldberg B, Fripp RR, Lister G, et al: Effect of physical training on exercise performance of children following surgical repair of congenital heart disease. Pediatrics 1981 Nov;68(5):691-9
Goldmann MA: Cardiac rehabilitation: state of the art. Geriatrics 1981 Nov;36(11):103-12
Goldsmith W, Kabo JM: Performance of baseball headgear. Am J Sports Med 1982 Jan-Feb;10(1):31-7
Goldwater D see **Convertino V**
Golland A: Basic hydrotherapy. Physiotherapy 1981 Sep;67(9):258-62
Gomazkov OA see **Chernukh AM**
Gong LS, Qian JA, Zhang JS, et al: Changes in heart rate and electrocardiogram during taijiquan exercise: analysis by telemetry

in 100 subjects. Chin Med J [Engl] 1981 Sep;94(9):589–92
Gonyea WJ see Muntz KH
Gootman N see Gootman PM
Gootman PM, Gootman N, Turlapaty PD, et al: Autonomic regulation of cardiovascular function in neonates. Ciba Found Symp 1980 Oct;(83):70–93
Gordon CJ, Rezvani AH, Fruin ME, et al: Rapid brain cooling in the free-running hamster Mesocricetus auratus. J Appl Physiol 1981 Nov;51(5):1349–54
Gossling HR, Fulkerson JP: The university sports medicine program. Conn Med 1981 Oct;45(10):619–20
Götz M, Popow C, Jarisch R: Exercise-induced Asthma und Radioallergosorbenttest. Wien Klin Wochenschr 1981 Sep 4; 93(16):514–6 (Eng. Abstr.) **(Ger)**
Gould BA, Mann S, Kieso H, et al: The 24-hour ambulatory blood pressure profile with verapamil. Circulation 1982 Jan;65(1):22–7
Govindappa S see Moorthy CV
Graboys TB see Podrid PJ
Grana WA, Gimple K: Reconstruction of traumatic complete loss of the medial collateral ligament: a case report. Clin Orthop 1981; (160):153–7
Grana WA see Rayan GM
Grant IW see Tweeddale PM
Grasso S see Cerri B
Gray RM see Hanson RD
Grazi E see Ferri A
Greeff K see Borchard U
Green HJ, Daub B, Houston ME, et al: Human vastus lateralis and gastrocnemius muscles. A comparative histochemical and biochemical analysis. J Neurol Sci 1981 Nov–Dec;52(2–3):201–10
Greenberg BH, DeMots H, Murphy E, et al: Arterial dilators in mitral regurgitation: effects on rest and exercise hemodynamics and long-term clinical follow-up. Circulation 1982 Jan; 65(1):181–7
Greenberg MS, Cohen SG, Springer P, et al: Mandibular position and upper body strength: a controlled clinical trial. J Am Dent Assoc 1981 Oct;103(4):576–9
Greendorfer SL, Ewing ME: Race and gender differences in children's socialization into sport. Res Q Exerc Sport 1981 Oct; 52(3):301–10
Greene MK, Kerr AM, McIntosh IB, et al: Acetazolamide in prevention of acute mountain sickness: a double-blind controlled cross-over study. Br Med J [Clin Res] 1981 Sep 26; 283(6295):811–3
Gregory LW: Some observations on strength training and assessment. J Sports Med Phys Fitness 1981 Jun;21(2):130–7
Gribbin HR see Twentyman OP
Griffin PM see McClean PA
Griffiths HJ, DeHaven KE: Magnification and high-resolution radiography in sports-related injuries. Am J Sports Med 1981 Nov–Dec;9(6):394–9
Grimditch GK, Barnard RJ, Duncan HW: Effect of exhaustive exercise on myocardial performance. J Appl Physiol 1981 Nov; 51(5):1098–102
Grimm J see Hirzel HO
Grisar PR see van Steenberghe D
Grodzinsky AJ, Roth V, Myers E, et al: The significance of electromechanical and osmotic forces in the nonequilibrium swelling behavior of articular cartilage in tension. J Biomech Eng 1981 Nov;103(4):221–31
Gross ER see Woodcock AA
Gruetter CA, Gruetter DY, Lyon JE, et al: Relationship between cyclic guanosine 3':5'-monophosphate formation and relaxation of coronary arterial smooth muscle by glyceryl trinitrate, nitroprusside, nitrite and nitric oxide: effects of methylene blue and methemoglobin. J Pharmacol Exp Ther 1981 Oct; 219(1):181–6
Gruetter DY see Gruetter CA
Gubanova VI, Bykhovskiĭ VM: Izmenenie bioéletricheskoĭ aktivnosti miokarda u bol'nykh ishemicheskoĭ bolezn'iu serdtsa pod vliianiem protsedur lechebnoĭ gimnastiki pri kompleksnoĭ terapii na srednegornom kurorte. Vopr Kurortol Fizioter Lech Fiz Kult 1981 Sep–Oct;(5):38–41 (Eng. Abstr.) **(Rus)**
Guidicelli H see Franco A
Guiducci U see Roti S
Gunby P: Diving Accident Network begins 2nd year [news] JAMA 1981 Oct 23–30;246(17):1879
Gurfinkel' VS, Levik IuS: Dinamika myshechnogo rasslableniia posle zubchatykh tetanusov razlichnoĭ diltel'nosti. Biofizika 1981 Jul–Aug;26(4):709–11 (Eng. Abstr.) **(Rus)**
Gusachenko EK see Efimov AS
Gustafson AB, Kalkhoff RK: Plasma epinephrine disturbances in diabetic subjects during standing and after isometric exercise. J Clin Endocrinol Metab 1981 Oct;53(4):759–63
Gutai J, LaPorte R, Kuller L, et al: Plasma testosterone, high density lipoprotein cholesterol and other lipoprotein fractions. Am J Cardiol 1981 Nov;48(5):897–902
Guthrie G see Cottrill CM
Guyton AC: The relationship of cardiac output and arterial pressure control. Circulation 1981 Dec;64(6):1079–88 (34 ref.)

H

Haass A, Ricker K, Rüdel R, et al: Clinical study of paramyotonia congenita with and without myotonia in a warm environment. Muscle Nerve 1981 Sep–Oct;4(5):388–95
Haderspeck K, Schultz A: Progression of idiopathic scoliosis: an analysis of muscle actions and body weight influences. Spine 1981 Sep–Oct;6(5):447–55
Haderspeck K see Schultz A
Hafner D see Borchard U
Hagberg JM see Ehsani AA
Haibach H see Ahmad M
Haier RJ, Quaid K, Mills JC: Naloxone alters pain perception after jogging [letter] Psychiatry Res 1981 Oct;5(2):231–2
Hale OM, Booram CV, McCormick WC: Effects of forced exercise during gestation on farrowing and weaning performance of swine. J Anim Sci 1981 Jun;52(6):1240–3
Hampton WR: Hypothermia in winter and high altitude sports. Conn Med 1981 Oct;45(10):633–6
Han HC see Cho YW
Hance AJ see Robin ED
Hansen HJ see Pedersen E
Hansen JE see Sue DY
Hanson CT, Joslow B, Danoff JV, et al: Electromyographic response of the elbow flexors to a changing, dislocating force. Arch Phys Med Rehabil 1981 Dec;62(12):631–4
Hanson E see Eriksson BO
Hanson RD, Gray RM, Alberti KG: Liver metabolites in resting and exercising rats at 1 and 4 bar. J Appl Physiol 1981 Nov; 51(5):1326–30
Harada H see Sato M
Haralambie G, Senser L, Sierra-Chàvez R: Physiological and metabolic effects of a 25 km race in female athletes. Eur J Applied Physiol 1981;47(2):123–31
Hardiker R see Reilly T
Hardin JM, Andrejak M, Makdassi R, et al: Contrôle de l'hypertension artérielle et lactatémie à l'effort. Comparaison des antihypertenseurs centraux avec les bêtabloquants cardio-sélectifs métoprolol et aténolol. Arch Mal Coeur 1981 Jun;74 Spec No:117–24 (Eng. Abstr.) **(Fre)**
Harfield B see Care GR
Hargreave FE see Dolovich J
Harm K see Jungmann H
Harry JD, Cruickshank JM, Young J, et al: Relative activities of atenolol and metoprolol on the cardiovascular system of man. Eur J Clin Pharmacol 1981;20(1):9–15
Hartwig GB see Massey EW
Hartwig JH see Yin HL
Hartwig R see Mead WF
Haslam RW see Silva JM 3d
Hastings DE, Coughlin LP: Recurrent subluxation of the glenohumeral joint. Am J Sports Med 1981 Nov–Dec;9(6):352–5
Hayashi F see Honda Y
Hayashi F see Masuda Y
Healy A: Role of primary care physician in sports for the handicapped. Conn Med 1981 Sep;45(9):571–3
Heath GW see Ehsani AA
Hecht HS, Karahalios SE, Schnugg SJ, et al: Improvement in supine bicycle exercise performance in refractory congestive heart failure after isosorbide dinitrate: radionuclide and hemodynamic evaluation of acute effects. Am J Cardiol 1982 Jan;49(1):133–40
Hedström SA, Lidgren L: Acute hematogenous pelvic osteomyelitis in athletes. Am J Sports Med 1982 Jan–Feb;10(1):44–6
Heilmeyer LM Jr see Kohse KP
Henriksen JM, Nielsen TT, Dahl R: Effects of physical training on plasma citrate and exercise-induced asthma. Scand J Clin Lab Invest 1981 May;41(3):225–9
Henry JH, Lareau B, Neigut D: The injury rate in professional basketball. Am J Sports Med 1982 Jan–Feb;10(1):16–8
Henry R see Bruhn R
Hermansen L: Effect of metabolic changes on force generation in skeletal muscle during maximal exercise. Ciba Found Symp 1981;(82):75–88
Hernández E see Cintrón G
Hettiarachchi J see Edgerton VR
Hickman JR Jr see Uhl GS
Hickson R see Premachandra BN
Hilz H see Steinhagen-Thiessen E
Hinson DB: Ocular sports injuries. Legal aspects. II. Lawyer's perspective. Int Ophthalmol Clin 1981 Winter;21(4):209–18
Hiramoto T see Arita K
Hirshfeld J see Wilson JR
Hirzel HO, Wegmüller R, Grimm J, et al: Die linksventrikuläre Funktion unter fahrradergometrischer Belastung vor und nach aorto-koronarer Bypass-Operation. Schweiz Med Wochenschr 1981 Nov 7;111(45):1718–21 (Eng. Abstr.) **(Ger)**
Hjemdahl P see Atterhög JH

PHYSICAL FITNESS/SPORTS MEDICINE

Ho BL, Lee RS: [A study of maximal oxygen consumption during treadmill exercise in healthy Chinese (author's transl)] Taiwan I Hsueh Hui Tsa Chih 1981 Jul;80(7):712-7 (Eng. Abstr.) (Chi)

Hobart D see Vorro J

Hoberg E, Lemke R, Wermuth G, et al: ST-Strecken-Senkung und R-Amplituden-Anderung im Belastungs-Ekg bei koronarer Herzkrankheit. Z Kardiol 1981 Oct;70(10):776-80 (Eng. Abstr.) (Ger)

Hockings B see Saltissi S

Hodara M: Traitement de l'artériopathie des membres inférieurs au stade II associée à une atteinte coronaire. J Mal Vasc 1981; 6(1):8-9 (Eng. Abstr.) (Fre)

Hofecker G, Niedermüller H, Skalicky M: Der altersbedingte Leistungsabfall und seine Beeinflussung im Tierexperiment. Aktuel Gerontol 1981 Nov;11(6):188-94 (Eng. Abstr.) (Ger)

Höffken I see Bruhn R

Hoffman JW, Benson H, Arns PA, et al: Reduced sympathetic nervous system responsivity associated with the relaxation response. Science 1982 Jan 8;215(4529):190-2

Hoffmann B see Kobryn U

Hoh JF see Davey DF

Höhm B see Böhm H

Holnville E see Sargeant AJ

Hollandsworth JG see Jones GE

Holloszy JO see Ivy JL

Holm S see Wigaeus E

Holman BL see Polak JF

Holman BL see Siegel AJ

Holmen MG, Parkhouse BL: Relationship between working environment, self-concept, real-ideal self discrepancy, and functionality in physical education teachers. Res Q Exerc Sport 1981 Oct;52(3):311-23

Honda Y, Hayashi F, Yoshida A, et al: Relative contributions of chemical and non-chemical drives to the breath-holding time in breath-hold divers (Ama). Jpn J Physiol 1981;31(2):181-6

Horie T, Enomoto S, Inazawa T, et al: [Site of airway obstruction and drug effect in exercise induced asthma (author's transl)] Nippon Kyobu Shikkan Gakkai Zasshi 1981 May;19(5):308-16 (Eng. Abstr.) (Jpn)

Hosková L see Nesvadba Z

Houghton E, Teale P: Capillary column gas chromatographic mass spectrometric analysis of anabolic steroid residues using splitless injections made at elevated temperatures. Biomed Mass Spectrom 1981 Aug;8(8):358-61

Houston ME see Green HJ

Hromádková J see Puchmayer V

Hsu TS, Chiang CW, Lee YS, et al: Experience of treadmill exercise testing in ischemic heart disease. Taiwan I Hsueh Hui Tsa Chih 1981 Jul;80(7):740-50

Hudetz AG, Monos E: Characterization of anisotropic elastic properties of the arteries by exponential and polynomial strain energy functions. Acta Physiol Acad Sci Hung 1981;57(2):111-22

Hudson PM see Peters MA

Hughson RL, MacFarlane BJ: Effect of oral propranolol on the anerobic threshold and maximum exercise performance in normal man. Can J Physiol Pharmacol 1981 Jun;59(6):567-73

Huijing PA see Wulp MA

Hula J see Zikmund M

Hulkko A see Orava S

Hulsbosch MA, Binkhorst RA, Folgering HT: Effects of positive and negative exercise on ventilatory CO2 sensitivity. Eur J Applied Physiol 1981;47(1):73-81

Hultman E, Sjöholm H, Sahlin K, et al: Glycolytic and oxidative energy metabolism and contraction characteristics of intact human muscle. Ciba Found Symp 1981;(82):19-40

Humphreys N see Cales RH

Hung J see Convertino V

Hunter WN, Schuberth JM, McCrea JD: An in-skate training brace for young beginning ice skaters. J Am Podiatry Assoc 1981 Nov; 71(11):643-5

Husserl FE see Messerli FH

Hutchins GM see Silverman KJ

Huttunen NP, Käär M, Puukka R, et al: Exercise-induced proteinuria in children and adolescents with type 1 (insulin dependent) diabetes. Diabetologia 1981 Nov;21(5):495-7

Huzl F see Novák J

Hyde SA see Scott OM

I

Ianovskiĭ GV, Chmir VP, Solovtsova KM, et al: Gemodinamicheskoe i kislorodnoe obespechenie fizicheskoĭ nagruzki u bol'nykh ishemicheskoĭ bolezn'iu serdtsa v zavisimosti ot soderzhaniia v krovi kholesterina i triglitseridov. Ter Arkh 1981;53(8):34-8 (Eng. Abstr.) (Rus)

Ianushkevichus ZI, Zabela PV: Ritmograficheskoe issledovanie chastotnoĭ zavisimosti ekstrasistolii u bol'nykh khronicheskoĭ ishemicheskoĭ bolezn'iu serdtsa. Kardiologiia 1981;21(10):43-6 (Eng. Abstr.) (Rus)

Igarashi M, Levy JK, O-Uchi T, et al: Further study of physical exercise and locomotor balance compensation after unilateral labyrinthectomy in squirrel monkeys. Acta Otolaryngol (Stockh) 1981 Jul-Aug;92(1-2):101-5

Ihle CL, Cochran RM: Fracture of the fused os trigonum. Am J Sports Med 1982 Jan-Feb;10(1):47-50

Iijima T see Endoh M

Il'ina GN see Lipovetskiĭ BM

Ilker HG see Sperbake L

Ilmarinen J, Rutenfranz J, Kylian H, et al: Untersuchungen über unterschiedliche präventive Effekte von habituellen körperlichen Aktivitäten in Beruf bzw. Freizeit. II. Die Wirkung von körperlichen Aktivitäten im Beruf bzw. in der Freizeit auf die kardiopulmonale Leistungsfähigkeit. Int Arch Occup Environ Health 1981;49(1):1-12 (Eng. Abstr.) (Ger)

Imachi Y see Man-I M

Inazawa T see Horie T

Inbar O, Alvarez DX, Lyons HA: Exercise-induced asthma - a comparison between two modes of exercise stress. Eur J Respir Dis 1981 Jun;62(3):160-7

Ingemann-Hansen T see Bundgaard A

Ingervall B, Janson T: The value of clinical lip strength measurements. Am J Orthod 1981 Nov;80(5):496-507

Ingram JF see Boyne AW

Iori E see Roti S

Irving JB, Godman MJ: Exercise testing and ambulatory electrocardiographic monitoring following surgical repair of tetralogy of Fallot. Eur Heart J 1980 Apr;1(2):117-21

Isaacs LD: Relationship between depth perception and basketball-shooting performance over a competitive season. Perspect Pediatr Pathol 1981 Oct;53(2):554

Iscoe S: Respiratory and stepping frequencies in conscious exercising cats. J Appl Physiol 1981 Oct;51(4):825-9

Isenberg DA, Crisp AJ, Morrow WJ, et al: Variation in circulating immune complex levels with diet, exercise, and sleep: a comparison between normal controls and patients with systemic lupus erythematosus. Ann Rheum Dis 1981 Oct;40(5):466-9

Isiak K see Meller B

Israel RG, Brown RL: Response time comparisons among four base running starting techniques in slow pitch softball. Res Q Exerc Sport 1981 Oct;52(3):324-9

Itsekhovskiĭ OG see Egorov AD

Ivanov VV see Sterlikov AV

Ivy JL, Withers RT, Brose G, et al: Isokinetic contractile properties of the quadriceps with relation to fiber type. Eur J Applied Physiol 1981;47(3):247-55

Ivy JL, Holloszy JO: Persistent increase in glucose uptake by rat skeletal muscle following exercise. Am J Physiol 1981 Nov; 241(5):C200-3

Izakov VIa see Kaz'min SG

J

Jacob MS, Carlen PL, Marshman JA, et al: Phencyclidine ingestion: drug abuse and psychosis. Int J Addict 1981 May;16(4):749-58

Jacobs I: Lactate concentrations after short, maximal exercise at various glycogen levels. Acta Physiol Scand 1981 Apr; 111(4):465-9

Jacobs I, Sjödin B, Kaiser P, et al: Onset of blood lactate accumulation after prolonged exercise. Acta Physiol Scand 1981 Jun;112(2):215-7

Jacobs I see Karlsson J

Jaffe RA, Laszewski BL, Carr DB: Chronic exposure to a 60-Hz electric field: effects on neuromuscular function in the rat. Bioelectromagnetics 1981;2(3):227-39

Jaffin B: An epidemiologic study of ski injuries: Vail, Colorado. Mt Sinai J Med (NY) 1981 Jul-Aug;48(4):353-9

Jäger M see Kohl J

Jäger M see Wirth CJ

Jagodziński J, Kowalska M, Woźniakowska-Szadujkis U: Zmiany ilościowe bazofilów krwi obwodowej u chorych na dychawice oskrzelowa obciazonych wysiłkiem fizycznym. Pneumonol Pol 1981 Jan;49(1):35-41 (Eng. Abstr.) (Pol)

Jakob RP, von Gumppenberg S, Engelhardt P: Does Osgood--Schlatter disease influence the position of the patella? J Bone Joint Surg [Br] 1981;63B(4):579-82

Janson T see Ingervall B

Janz N, Lampman RM: The treadmill stress test: coaching your cardiac patient along the path to recovery. Nursing (Horsham) 1981 Dec;11(12):37-41

Jarisch R see Götz M

Jehle J, Lauber A, Schmiel FK, et al: Ventrikel- und Myokardfunktion des druckhypertrophierten linken Ventrikels unter körperlicher Belastung. Herz 1981 Oct;6(5):300-9 (Eng. Abstr.) (Ger)

Jennings G, Bobik A, Korner P: Influence of intrinsic sympathomimetic activity of beta-adrenoceptor blockers on the heart rate and blood pressure responses to graded exercise. Br J Clin Pharmacol 1981 Sep;12(3):355–62

Jensen D Jr: Pharmacological studies of the uninhibited neurogenic bladder. I. The influence of repeated filling and various filling rates on the cystometrogram of neurological patients with normal and uninhibited neurogenic bladder. Acta Neurol Scand 1981 Sep;64(3):145–74

Johnson RJ: Anatomy of backpack-strap injury [letter] N Engl J Med 1981 Dec 24;305(26):1594

Johnson RJ see **Carr D**

Johnsson G see **Uusitalo A**

Jokl P see **Mangi RJ**

Jones GE, Hollandsworth JG: Heart rate discrimination before and after exercise-induced augmented cardiac activity. Psychophysiology 1981 May;18(3):252–7

Jones NL: Breathing during exercise in airway obstruction. Bull Eur Physiopathol Respir 1981;17(5):737–9

Jones RH see **Leong K**

Jorfeldt L see **Frisk-Holmberg M**

Jormakka E see **Orava S**

Josephson MA see **Brown BG**

Joslow B see **Hanson CT**

Juhlin-Dannfelt A see **Frisk-Holmberg M**

Jungmann H, Stiehm M, Harm K: Einfluss von Nahrungskarenz und Bewegungstherapie auf die Blutfette und ihre Fraktionen. Klin Wochenschr 1981 Sep 15;59(18):1061–4 (Eng. Abstr.) **(Ger)**

Jürgensen HJ, Dalsgaard-Nielsen J, Kjøller E, et al: Effect of long-term beta-blockade with alprenolol on platelet function and fibrinolytic activity in patients with coronary heart disease. Eur J Clin Pharmacol 1981;20(4):245–50

Jussiant P, Chakroun R, Niethals E, et al: Hormones sexuelles, exercise physique et métabolismes glucidique et lipidique chez le rat des deux sexes. Ann Endocrinol (Paris) 1981 Jul–Sep; 42(3):286–7 (Eng. Abstr.) **(Fre)**

Juul SM see **Thompson DS**

K

Käär M see **Huttunen NP**

Kabo JM see **Goldsmith W**

Kahn JC see **Dongradi G**

Kaijser L see **Lindvall K**

Kaiser H see **Rumpf KW**

Kaiser P see **Jacobs I**

Kaiser P see **Tesch PA**

Kalenak A see **Whiteside JA**

Kalkhoff RK see **Gustafson AB**

Kaltenbach M see **Bussmann WD**

Kambara H see **Nishimura T**

Kammer G, Bolliger A: Die operative Behandlung der Epikondylitis – Rückblick auf 100 operierte Fälle. Praxis 1981 Nov 24; 70(48):2177–9 (Eng. Abstr.) **(Ger)**

Kaneko K see **Wada M**

Kaplan AP, Nathony SF, Tawil AP, et al: Exercise-induced anaphylaxis as a manifestation of cholinergic urticaria. J Allergy Clin Immunol 1981 Oct;68(4):319–24

Kaplan AP, Garofalo J: Identification of a new physically induced urticaria: cold-induced cholinergic urticaria. J Allergy Clin Immunol 1981 Dec;68(6):438–41

Kaplan JA see **Lonergan JH**

Kaplan PJ: Ocular sports injuries. Legal aspects. I. Patient's perspective. Int Ophthalmol Clin 1981 Winter;21(4):203–7

Karahalios SE see **Hecht HS**

Karliner JS, Alabaster C, Stephens H, et al: Enhanced noradrenaline response in cardiomyopathic hamsters: possible relation to changes in adrenoceptors studied by radioligand binding. Cardiovasc Res 1981 May;15(5):296–304

Karlsson J, Sjödin B, Jacobs I, et al: Relevance of muscle fibre type to fatigue in short intense and prolonged exercise in man. Ciba Found Symp 1981;(82):59–74

Karonen SL see **Koivisto VA**

Karper WB see **Martinek TJ**

Karpińska H see **Rdzanek J**

Karsch KR, Ester P, Blanke H, et al: Funktion des rechten und linken Ventrikels unter Belastung bei der koronaren Herzerkrankung. Z Kardiol 1981 Dec;70(12):902–7 (Eng. Abstr.) **(Ger)**

Kasner W see **Reinhardt K**

Kaufmann DA, Swenson EW: Pulmonary changes during marathon training: a longitudinal study. Respiration 1981;41(4):217–23

Kaufmann DA see **Webb WB**

Kay TN see **Uhl GS**

Kaye CM see **Ohashi K**

Kaz'min SG, Izakov VIa, Protsenko IuL, et al: Effekty inotropnykh vozdeĭstvii na papilliarnuiu myshtsu krolika pri izmeneniiakh ee nachal'noĭ dliny i temperatury. Fiziol Zh 1981 Sep–Oct; 27(5):623–7 (Eng. Abstr.) **(Rus)**

Keeney AH: Ocular sports injuries. Standards of protection and prevention. I. Applications of protective principles from industry. Int Ophthalmol Clin 1981 Winter;21(4):163–9

Kelly K see **Duke D**

Kemper WS see **Tomoike H**

Keong GC: Physical fitness—definition and assessment. Singapore Med J 1981 Jun;22(3):176–82

Keren G see **Epstein Y**

Kerr AM see **Greene MK**

Kerrebijn KF see **Neijens HJ**

Kettelkamp DB: Management of patellar malalignment. J Bone Joint Surg [Am] 1981 Oct;63A(8):1344–8 (45 ref.)

Keul J, Kohler B, von Glutz G, et al: Biochemical changes in a 100 km run: carbohydrates, lipids, and hormones in serum. Eur J Applied Physiol 1981;47(2):181–9

Keul J, Lehmann M, Wybitul K: Zur Wirkung von Bunitrolol auf Herzfrequenz, metabolische Grössen bei Körperarbeit und Leistungsverhalten. Arzneimittelforsch 1981;31(11):1948–53 (Eng. Abstr.) **(Ger)**

Keul J see **Berg A**

Keul J see **Lehmann M**

Keyriläinen O see **Uusitalo A**

Khafizov RM see **Sidorenko BA**

Khan AR see **Wollmer P**

Kheĭfets ZN: Izmenenie voltazha zubtsa R an EKG pri veloérgometrii kak odin iz kriteriev prekrashcheniia nagruzki. Ter Arkh 1981;53(8):49–51 (Eng. Abstr.) **(Rus)**

Kheĭnonen IM see **Oranskiĭ IE**

Kidd KK see **Epstein PA**

Kierkegaard E see **Ferguson A**

Kieso H see **Gould BA**

Kindig NB see **Filley GF**

Kirch D see **Rainwater J**

Kirsch KA, von Ameln H, Wicke HJ: Fluid control mechanisms after exercise dehydration. Eur J Applied Physiol 1981; 47(2):191–6

Kirsch KA, von Ameln H: Feeding patterns of endurance athletes. Eur J Applied Physiol 1981;47(2):197–208

Kitada Y see **Miyauchi T**

Kjøller E see **Jürgensen HJ**

Klausen K, Andersen LB, Pelle I: Adaptive changes in work capacity, skeletal muscle capillarization and enzyme levels during training and detraining. Acta Physiol Scand 1981 Sep;113(1):9–16

Kleerekoper M, Tolia K, Parfitt AM: Nutritional, endocrine, and demographic aspects of osteoporosis. Orthop Clin North Am 1981 Jul;12(3):547–58 (53 ref.)

Klepzig H see **Strasser R**

Klingensmith WC 3d, Stern D, Spitzer VM: Single-composite image display of information from tomographic myocardial perfusion studies. Radiology 1981 Oct;141(1):242–5

Kloppe U see **Kreul HG**

Knosala P see **Prochaczek F**

Knowlton RG see **Wilde SW**

Ko P see **Paulsen W**

Kober G see **Bussmann WD**

Kobryn U, Hoffmann B, Küchler G: Effects of repeated fatiguing rhythmical hand work. Eur J Applied Physiol 1981;47(3):271–9

Kobuliia BG, Bregvadze GL, Mdivani SD: Dinamika napriazheniia kisloroda v arterial'noĭ krovi u zdorovykh liudeĭ i bol'nykh ishemicheskoĭ bolezn'iu serdtsa v usloviiakh veloérgometricheskoĭ nagruzki (Soobshchenie II). Ter Arkh 1981;53(8):44–9 (Eng. Abstr.) **(Rus)**

Kochetkov AG: Vliianie dozirovannoĭ myshechnoĭ nagruzki na morfofunktsional'nuiu kharakteristiku nadpochechnikov sobak s éksperimental'nym gipokortitsizmom. Probl Endokrinol (Mosk) 1981 Jul–Aug;27(4):53–8 (Eng. Abstr.) **(Rus)**

Kocián J, Macháček P, Marat V, et al: Poruchy mineralizace kostry u progresívní polyartritidy. II. Vliv inaktivity a cvičení. Fysiatr Reumatol Vestn 1981 Oct;59(5):276–72 (Eng. Abstr.) **(Cze)**

Koh TC: Tai Chi Chuan. Am J Chin Med 1981 Spring;9(1):15–22

Kohl J, Koller EA, Jäger M: Relation between pedalling- and breathing rhythm. Eur J Applied Physiol 1981;47(3):223–37

Kohler B see **Keul J**

Kohse KP, Heilmeyer LM Jr: The effects of Mg2+ on the Ca2+-binding properties and Ca2+-induced tyrosine-fluorescence changes of calmodulin isolated from rabbit skeletal muscle. Eur J Biochem 1981 Jul;117(3):507–13

Koivisto VA, Karonen SL, Nikkilä EA: Carbohydrate ingestion before exercise: comparison of glucose, fructose, and sweet placebo. J Appl Physiol 1981 Oct;51(4):783–7

Kolb B see **Whishaw IQ**

Kolesár J see **Mikes Z**

Koliadko NG: Znachenie pentozofosfatnogo puti obmena uglevodov dlia adaptatsii myshts k povyshennoĭ deiatel'nosti. Fiziol Zh SSSR 1981 Jul;67(7):1064–7 (Eng. Abstr.) **(Rus)**

Koliadko NG: Aktivonst' fermentov okislitel'noĭ chasti pentozofosfatnogo puti v skeletnykh myshtsakh pri myshechnoĭ deiatel'nosti i v period otdykha. Ukr Biokhim Zh 1981 Sep–Oct; 53(5):106–10 (Eng. Abstr.) **(Rus)**

Koller EA see **Kohl J**
Komissarova NV see **Chernukh AM**
König P: The use of albuterol for the prevention of exercise-induced bronchospasm. Ann Allergy 1981 Nov;47(5 Pt 2):421-2
Konstantinov VB see **Lipovetskil BM**
Koreok M: Pritikin vs AHA diet: no difference for peripheral vascular disease [news] JAMA 1981 Oct 23-30;246(17):1871
Korner P see **Jennings G**
Korner PI see **Broughton A**
Korsten-Reck U see **Lehmann M**
Koshelev VB see **Rodionov IM**
Kostis JB, Moreyra AE, Amendo MT, et al: The effect of age on heart rate in subjects free of heart disease. Studies by ambulatory electrocardiography and maximal exercise stress test. Circulation 1982 Jan;65(1):141-5
Kostuk WJ see **Nolewajka AJ**
Kotchen JM see **Cottrill CM**
Kotler D see **Antonaccio MJ**
Kováč E see **Procházka Z**
Kovalčíková J: Vstup do menarche a menštruačný cyklus u rôznych somatotypov II. Cesk Gynekol 1981 Apr;46(3):184-90 (Eng. Abstr.) (Slo)
Kowalska M see **Jagodziński J**
Kramsch DM, Aspen AJ, Abramowitz BM, et al: Reduction of coronary atherosclerosis by moderate conditioning exercise in monkeys on an atherogenic diet. N Engl J Med 1981 Dec 17; 305(25):1483-9
Krannig B see **Brück K**
Kratz M see **Bussmann WD**
Krauz VA see **Boev VM**
Krayenbuehl HP see **Mirsky I**
Kreisman H see **Wolkove N**
Kreul HG, Alber G, Kloppe U, et al: Belastungs-EKH nach Hinterwand-Infarkt Schränkt ein abgelaufener Herzhinterwand-Infarkt den Aussagewert des Belastungs-EKG bei der Diagnose höhergradiger Stenosen des R. interventricularis anterior, R. diagonalis und R. marginalis der linken Koronararterie ein? Fortschr Med 1981 Sep 3; 99(33):1307-11 (Eng. Abstr.) (Ger)
Krivoruchenko IV see **Churin VD**
Krol VA: Rol' fizicheskikh trenirovok kak odnogo iz faktorov reabilitatsii bol'nykh s rannymi stadiiami seredechnol nedostatochnosti. Ter Arkh 1981;53(8):85-7 (Eng. Abstr.)(Rus)
Kroll W see **Clarkson PM**
Kružej E see **Novák J**
Krywawych S see **Rennie MJ**
Krzentowski G, Pirnay F, Pallikarakis N, et al: Glucose utilization during exercise in normal and diabetic subjects. The role of insulin. Diabetes 1981 Dec;30(12):983-9
Ku LC, Shapiro LR, Crawford PB, et al: Body composition and physical activity in 8-year-old children. Am J Clin Nutr 1981 Dec;34(12):2770-5
Kubota I see **Yasui S**
Kucharczyk B, Ziemlański S: Effect of exercise on the content of lipids, cholesterol and on the composition of fatty acids in the adrenals of rats receiving rapeseed oil in diet. Acta Physiol Pol 1981 May-Jun;32(3):263-76
Kuchenbecker I see **Schöneich C**
Küchler G see **Kobryn U**
Kuchuk AA see **Sokolov IuN**
Kujala P: Smoking, respiratory symptoms and ventilatory capacity in young men. Eur J Respir Dis [Suppl] 1981;62(114):1-55
Kuller L see **Gutai J**
Kulstrunk M see **Bühlmann AA**
Kuo KH, Clamann HP: Coactivation of synergistic muscles of different fiber types in fast and slow contractions. Am J Phys Med 1981 Oct;60(5):219-38
Kushakova NI see **Bel'skil NE**
Kuter MR, Masters CJ, Walsh TP, et al: Effect of ionic strength on the interaction between aldolase and actin-containing filaments. Arch Biochem Biophys 1981 Nov;212(1):306-10
Kyd K see **Scherrer M**
Kylian H see **Ilmarinen J**

L

Lakhov FP see **Sterlikov AV**
Lambert IJ: A comparison of the treatment of otitis externa with 'Otosporin' and aluminium acetate: a report from a services practice in Cyprus. J R Coll Gen Pract 1981 May;31(226):291-4
Lamendin H, Davidovici M: Pratique sportive de haut niveau et alvéolyses précoces. Rev Odontostomatol (Paris) 1981 Jul-Oct; 10(4-5):305-13 (Eng. Abstr.) (Fre)
Lampert-Benignus E, Meunier-Carus J, Metz B: Les échanges gazeux à l'effort dans l'emphysème pulmonaire diffus. Poumon Coeur 1981;37(3):187-93 (Eng. Abstr.) (Fre)
Lampman RM see **Janz N**
Landolt A, Benz J: Geburtsvorbereitung nach Lamaze- subjektive oder objektive Beeinflussung der Geburt? Ther Umsch 1981 Oct; 38(10):963-70 (Eng. Abstr.) (Ger)
Lang E: Risiken der physiotherapeutischen Intervention in der präklinischen Geriatrie. ZFA (Dresden) 1981;36(2):117-24 (Eng. Abstr.) (Ger)
Langloh JT: Office management of common running injuries. Med Times 1981 Sep;109(9):38-41, 45
Langslow A: The nurse and the law: a macabre landmark case. Aust Nurses J 1981 Jul;11(1):23-6
Langsteger W see **Schmid P**
LaPorte R see **Gutai J**
Lareau B see **Henry JH**
Larsen JS see **Pedersen EB**
Larsen T, Myhre K, Vik-Mo H, et al: Adipose tissue perfusion and fatty acid release in exercising rats. Acta Physiol Scand 1981 Sep;113(1):111-6
Larson RL: Presidential address of the American Orthopaedic Society for Sports Medicine. Am J Sports Med 1981 Nov-Dec; 9(6):349-51
Laszewski BL see **Jaffe RA**
Laties VG, Weiss B: The amphetamine margin in sports. Fed Proc 1981 Oct;40(12):2689-92
Lauber A see **Jehle J**
Lazarus B see **Thompson PD**
Le Winter M see **Badke FR**
Leach RE, Namiki O, Paul GR, et al: Secondary reconstruction of the lateral ligaments of the ankle. Clin Orthop 1981; (160):201-11
LeBlanc J, Nadeau A, Richard D, et al: Studies on the sparing effect of exercise on insulin requirements in human subjects. Metabolism 1981 Nov;30(11):1119-24
Lee RS see **Ho BL**
Lee YS see **Hsu TS**
Lee YT: Effects of digoxin on exercise performance in normal subjects. Taiwan I Hsueh Hui Tsa Chih 1981 Jan;80(1):78-92
Lee YT: The changes in left ventricular function during multistage bicycle supine exercise testing. Taiwan I Hsueh Hui Tsa Chih 1981 Jul;80(7):653-72
Leff AR, Munoz NM: Interrelationship between alpha- and beta-adrenergic agonists and histamine in canine airways. J Allergy Clin Immunol 1981 Oct;68(4):300-9
Legallet E see **Gahéry Y**
Leggett RJ see **Calverley PM**
Legittimo C see **Altieri E**
Legrand E see **Franco A**
Lehmann AG see **Busnel RG**
Lehmann HD: Uber die frequenzsenkende Wirkung des Beta-Blockers Propranolol bei verschiedenen Formen der Tachykardie am wachen Hund. DTW 1981 Jun 5;88(6):239-41 (Eng. Abstr.) (Ger)
Lehmann M, Keul J, Korsten-Reck U, et al: Einfluss der Ergometerarbeit im Liegen und Sitzen auf Plasmacatecholamine, metabolische Substrate sowie Sauerstoffaufnahme und Herzfrequenz. Klin Wochenschr 1981 Nov 16;59(22):1237-42 (Eng. Abstr.) (Ger)
Lehmann M, Keul J, Korsten-Reck U: Einfluss einer stufenweisen Laufbandergometrie bei Kindern und Erwachsenen auf die Plasmacatecholamime, die aerobe und anaerobe kapazität. Eur J Applied Physiol 1981;47(3):301-11 (Eng. Abstr.) (Ger)
Lehmann M see **Keul J**
Leigh JS Jr see **Chance B**
Leitch DR: A study of unusual incidents in a well-documented series of dives. Aviat Space Environ Med 1981 Oct;52(10):618-24
Lemke R see **Hoberg E**
Lenkova RI see **Usik SV**
Leong K, Jones RH: Influence of the location of left anterior descending coronary artery stenosis on left ventricular function during exercise. Circulation 1982 Jan;65(1):109-14
Lepow GM, Cafiero JM: Heterotopic bone formation: a case report. J Foot Surg 1980 Summer;19(2):63-5
Levik IuS see **Gurfinkel' VS**
Levy JK see **Igarashi M**
Lévy S, Broustet JP: Exercise testing in the Wolff-Parkinson-White syndrome [letter] Am J Cardiol 1981 Nov;48(5):976-7
Lewicky RT, Abeshaus MM: Simplified technique for posterior knee arthroscopy. Am J Sports Med 1982 Jan-Feb;10(1):22-3
Lewis J, Lieberman P, Treadwell G, et al: Exercise-induced urticaria, angioedema, and anaphylactoid episodes. J Allergy Clin Immunol 1981 Dec;68(6):432-7
Lewis JA see **Stark RD**
Lidgren L see **Hedström SA**
Lieberman P see **Lewis J**
Lin AL, McGill HC Jr, Shain SA: Hormone receptors of the baboon cardiovascular system. Biochemical characterization of aortic cytoplasmic androgen receptors. Arteriosclerosis 1981 Jul-Aug; 1(4):257-64
Linares E see **Cintrón G**
Lind AR see **Petrofsky JS**
Lindblom B see **Wilhelmsson L**

PHYSICAL FITNESS/SPORTS MEDICINE

Linderholm H see **Mild KH**
Lindvall K, Kaijser L: Early exercise tests after uncomplicated acute myocardial infarction before early discharge from hospital. Acta Med Scand 1981;210(4):257–61
Linnik SA see **Nikitin GD**
Lipovetskiĭ BM, Konstantinov VS, Il'ina GN: Kliniko-épidemiologicheskii analiz ishemicheskikh reaktsii EKG na fizicheskuiu nagruzku u muzhchin. Sov Med 1981;(4):10–3 (Eng. Abstr.) (Rus)
Lippold O: The tremor in fatigue. Ciba Found Symp 1981;(82):234–48
Lister G see **Goldberg B**
Lithell H, Cedermark M, Fröberg J, et al: Increase of lipoprotein-lipase activity in skeletal muscle during heavy exercise. Relation to epinephrine excretion. Metabolism 1981 Nov;30(11):1130–4
Littell EH: Neural regulation of blood flow in nonworking muscles. Part III. Phys Ther 1981 Nov;61(11):1575–84
Litvinenko AF see **Efimov AS**
Logic JR: Maximizing the information from thallium studies. Clin Nucl Med 1981 Oct;6(10S):P110–6
Loma-Osorio A see **Aros LF**
Lonergan JH, Youngberg JZ, Kaplan JA: Cardiopulmonary resuscitation: physical stress on the rescuer. Crit Care Med 1981 Nov;9(11):793–5
Longhurst JC, Aung-Din R, Mitchell JH: Static exercise in anesthetized dogs, a cause of reflex alpha-adrenergic coronary vasoconstriction. Basic Res Cardiol 1981 Sep–Oct;76(5):530–5
Longmire AW see **Ten Eyck RP**
Lönne E. Dorn F: Medikamentöse Reduzierung der Katecholamin-Freisetzung. Therapeutische Alternative zur Beta-Sympathikolyse bei koronarer Herzkrankheit? Fortschr Med 1981 Oct 15;99(39):1616–20 (Eng. Abstr.) (Ger)
Loock R: Die Rolle des Sports bei der Vorbereitung auf ein aktives Alter. ZFA (Dresden) 1981;36([illegible]):235–40 (Eng. Abstr.) (Ger)
Lovaas M: Ruptured spleen in a boxer with infectious mononucleosis. Minn Med 1981 Aug;64(8):461–2
Lown B see **Podrid PJ**
Ludbrook PA, Byrne JD, Tiefenbrunn AJ: Association of asynchronous protodiastolic segmental wall motion with impaired left ventricular relaxation. Circulation 1981 Dec;64(6):1201–11
Ludwig B see **Böhm H**
Ludwig J, Strauss P, Walter J: 'Funktionelle' Herzbeschwerden in der präinvasiven Diagnostik. Vergleich zwischen männlichen und weiblichen Patienten in einer retrospektiven Studie. MMW 1981 Oct 23;123(43):1616–8 (Eng. Abstr.) (Ger)
Luksic IY, Rafto JA, Mary DA, et al: Use of exercise tests in assessment of the functional result of aortocoronary bypass surgery. Thorax 1981 Jun;36(6):428–34
Lundeen HC see **Gibbs CH**
Lundman T see **Olsson G**
Lunsford BR see **Alvarez SE**
Lupanov VP see **Gasilin VS**
Lutaya G, Rahim ZH, Shuttlewood RJ, et al: Alkalinization of phosphorylase kinase-deficient muscle during tetanic contraction. Biosci Rep 1981 Feb;1(2):177–82
Lutter LD see **Raether PM**
Lyon JE see **Gruetter CA**
Lyons HA see **Inbar O**

M

Maar D: K problematike traumatickej luxácie v metatarzofalangeálnych kl'boch. Acta Chir Orthop Traumatol Cech 1981 Oct;48(5):466–7 (Eng. Abstr.) (Slo)
McClean PA, Duguid NJ, Griffin PM, et al: Changes in exhaled pulmonary diffusing capacity at rest and exercise in individuals with impaired positional diffusion. Bull Eur Physiopathol Respir 1981;17(2):179–86
McClelland J, Fletcher GF: Preventing atherosclerosis through exercise and control of blood coagulation. J Med Assoc Ga 1981 Sep;70(9):679–82
McComas AJ see **Belanger AY**
McCormick WC see **Hale OM**
McCrea JD see **Hunter WN**
McDonald L see **Nast PF**
McFadden PM, Ochsner JL: Javelin injury to the subclavian artery. Am J Sports Med 1981 Nov–Dec;9(6):400–4
MacFarlane BJ see **Hughson RL**
McGill HC Jr see **Lin AL**
Macháček P see **Kocián J**
McIntosh IB see **Greene MK**
MacIntyre NR see **Stokes DL**
McKenzie DC, Taunton JE, Clement DB, et al: Calcaneal epiphysitis in adolescent athletes. Can J Appl Sport Sci 1981 Sep;6(3):123–5
Macklem PT, Cohen C, Zagelbaum G, et al: The pathophysiology of inspiratory muscle fatigue. Ciba Found Symp 1981;(82):249–63
MacMahon D see **Mayou R**
Maculotti L: Lavoro respiratorio durante esercizio ad alta quota. Minerva Med 1981 Oct 6;72(38):2557–64 (Eng. Abstr.) (Ita)
Magnani B, Ambrosioni E, Costa FV, et al: Comparison of antihypertensive activity of atenolol and methyldopa at rest and during exercise. Int J Clin Pharmacol Ther Toxicol 1981 Oct;19(10):440–4
Magriña J see **Sanz G**
Mahan PE see **Gibbs CH**
Mai LL see **Ferkel RD**
Maillard D, Gautier H: Gas exchange during bicycle exercises preceded or not by loadless pedalling in female and male subjects. Respir Physiol 1981 Aug;45(2):201–16
Makdassi R see **Hardin JM**
Makowiec-Dąbrowska T, Sprusińska E, Radwan-Włodarczyk Z, et al: Wpływ rodzaju pracy na związek między subiektywną i obiektywną oceną obciążenia pracą. Med Pr 1981;32(3):165–72 (Eng. Abstr.) (Pol)
Mallinson BM, Cockroft C, Burgess DA, et al: Exercise training for children with asthma. Out-patient programme and a residential experiment. Physiotherapy 1981 Apr 10;67(4):106–
Mallion JM, Debru JL, De Gaudemaris R, et al: Mesure tensionnelle de repos. Charge tensionnelle d'activité. Nouv Presse Med 198 Oct 3;10(35):2877–9 (Eng. Abstr.) (Fre)
Malvezzi A, Ricciardiello V, Natale A, et al: Effetto dello sforzo isometrico (handgrip) sull'ampiezza dell'onda R. Boll Soc Ital Biol Sper 1981 May 15;57(9):937–43 (Eng. Abstr.) (Ita)
Malvezzi A, Natale A, Castellano B, et al: Variazioni dell'onda R in corso di prova da sforzo al cicloergometro. Boll Soc Ital Biol Sper 1981 May 15;57(9):931–6 (Eng. Abstr.) (Ita)
Man-I M, Imachi Y: Effect of training on blood pressure and heart rate measured continuously during exercise. J Sports Med Phys Fitness 1981 Jun;21(2):97–112
Manca C, Cotogni A, Dei Cas L, et al: Analisi computerizzata delle modificazioni di ampezza dell'onda R durante test da sforzo in soggetti normali e coronaropatici. Boll Soc Ital Cardiol 1980;25(5):495–501 (Eng. Abstr.) (Ita)
Mandell AJ, Stewart KD, Russo PV: The Sunday syndrome: from kinetics to altered consciousness. Fed Proc 1981 Oct;40(12):2693–8
Mangi RJ, Jokl P: Drugs and sport. Conn Med 1981 Oct;45(10):637–41
Mangin P see **Cukier J**
Mangini S see **Scrutinio D**
Mann S see **Gould BA**
Mann S see **Millar-Craig MW**
Mansmann HC Jr: The evaluation, control, and modification of continuing asthma. Clin Chest Med 1980 Sep;1(3):339–60 (136 ref.)
Mansour M see **Dei Cas L**
Maquet P, Vu Anh T: On the forces exerted on the hip during gait. Arch Orthop Trauma Surg 1981;99(1):53–8
Marat V see **Kocián J**
Mariani PP, Puddu G: Meniscal ossicle. A case report. Am J Sports Med 1981 Nov–Dec;9(6):392–3
Markhasin VS, Tsyv'ian PB: Vliianie parnoĭ stimuliatsii na élektricheskuiu i mekhanicheskuiu aktivnost' kletok miokarda bol'nykh vrozhdennymi i priobretennymi porokami serdtsa. Kardiologiia 1981 Nov;21(11):68–72 (Eng. Abstr.) (Rus)
Markhede G, Stener B: Function after removal of various hip and thigh muscles for extirpation of tumors. Acta Orthop Scand 1981 Aug;52(4):373–95
Markiewicz K, Cholewa M: Effect of coffee ingestion on the left ventricular systolic time intervals at rest, during physical effort and the recovery period. Cor Vasa 1981;23(4):280–90
Marliss EB, Zinman B: Exercise and diabetes [letter] Diabetologia 1981 Sep;21(3):237
Maron BJ see **Roberts WC**
Maron D see **Froelicher VF**
Maron H see **Taunton JE**
Marshall JL see **Turkel SJ**
Marshman JA see **Jacob MS**
Martin TP see **Farrar RP**
Martinek TJ, Karper WB: Teachers' expectations for handicapped and non-handicapped children in mainstreamed physical education classes. Percept Mot Skills 1981 Aug;53(1):327–30
Martinez S see **Daffner RH**
Martsevich SIu see **Mazur NA**
Maruyama K see **Yin HL**
Marx P, Berger HJ, Zaret BL: Exercise first-pass radionuclide ventriculography in detection of coronary artery disease [letter] Br Heart J 1981 Oct;46(4):461–3
Mary DA see **Luksic IY**
Massey EW, Trofatter LP, Hartwig GB: 'Hunkering'; and peroneal palsy [letter] Muscle Nerve 1981 Sep–Oct;4(5):445
Masters CJ see **Kuter MR**
Masuda Y, Yoshida A, Hayashi F, et al: The ventilatory responses to hypoxia and hypercapnia in the Ama. Jpn J Physiol 1981;

31(2):187-97

Matějovsky Z, Stědrý V, Zižkovská K: Zlomenina hrbolu kosti sedací odtržením. Acta Chir Orthop Traumatol Cech 1981 Aug; 48(4):333-6 (Eng. Abstr.) (Cze)

Matsumura N see Minami M

Matsushima T see Doba N

Matsushita K see Araki T

Matthews JC, Warnick JE, Albuquerque EX, et al: Characterization of the electrogenic sodium channel from rat brain membranes using neurotoxin-dependent 22Na uptake. Membr Biochem 1981; 4(2):71-104

Matveeva LS see Sidorenko BA

Mayou R, MacMahon D, Sleight P, et al: Early rehabilitation after myocardial infarction. Lancet 1981 Dec 19-26; 2(8260-61):1399-402

Mazaeva VP see Gasilin VS

Mazur NA, Nazarenko VA, Martsevich SIu, et al: Sravnitel'noe izuchenie effektivnosti sustaka i nitrosorbida u bol'nykh stenokardiei napriazheniia. Ter Arkh 1981;53(5):48-52 (Eng. Abstr.) (Rus)

Mdinaradze IuS see Pomerantsev VP

Mdivani SD see Kobuliia BG

Mead WF, Hartwig R: Fitness evaluation and exercise prescription. J Fam Pract 1981 Dec;13(7):1039-50

Melchionda AM see Clarkson PM

Meller B, Isiak K: Sprawność fizyczna dzieci w wieku 11--14 lat z wiotkością wielostawową.
Chir Narzadow Ruchu Ortop Pol 1981;46(2):139-41 (Eng. Abstr.) (Pol)

Merkulova RI see Nironova ZS

Merry SL see Ahmad M

Messerli FH, Dreslinski GR, Husserl FE, et al: Antiadrenergic therapy: special aspects in hypertension in the elderly. Hypertension 1981 Nov-Dec;3(6 Pt 2):II-226-9

Messing M, Simai E, Voigt D: Zum Gesundheitssport von Frauen. Aus einer leistungsphysiologischen und soziologischen Untersuchung. Rehabilitation (Bonn) 1981;34(1-2):1-12 (Eng. Abstr.) (Ger)

Metz B see Lampert-Benignus E

Meunier-Carus J see Lampert-Benignus E

Meyer CM: Sport and recreation for the severely disabled. S Afr Med J 1981 Nov 28;60(22):868-71

Mikes Z, Kolesár J, Dukát A, et al: Tolerancia zátaže pri prvom ergometrickom vyšetrení a letalita po infarkte myokardu. Bratisl Lek Listy 1981 Mar;75(3):337-44 (Eng. Abstr.) (Slo)

Mikhaĭlova IA, Podosinnikov IS: Vliianie timéktomii na aktivnost' nekotorykh fermentov énergeticheskogo obmena v tkaniakh krys. Probl Endokrinol (Mosk) 1981 Jul-Aug;27(4):62-6 (Eng. Abstr.) (Rus)

Mild KH, Linderholm H: Some factors of significance for respiratory gas exchange in muscle tissue. A mathematical analysis of a capillary model. Acta Physiol Scand 1981 Aug; 112(4):395-404

Miles DS see Wilde SW

Millar-Craig MW, Mann S, Cashman PM, et al: Continuous tape-recording of ambulatory blood pressure. Technical considerations. Biotelem Patient Monit 1981;8(1-2):56-66

Millar-Craig MW, Mann S, Balasubramanian V, et al: Continuous recording of intra-arterial blood pressure during graded bicycle ergometry and stair climbing in essential hypertension. Biotelem Patient Monit 1981;8(1-2):33-46

Miller JM see Withers RT

Miller WE: Kinesiology. III. An analysis of peak efforts in sports activities. Am J Sports Med 1982 Jan-Feb;10(1):38-9

Miller WE: Kinesiology. II. A practical discussion of certain muscle actions in a few illustrative sports activities.
Am J Sports Med 1981 Nov-Dec;9(6):405-8

Miller WE: The heel pad. Am J Sports Med 1982 Jan-Feb; 10(1):19-21

Miller WF, Scacci R: Pulmonary function assessment for determination of pulmonary impairment and disability evaluation. Clin Chest Med 1981 Sep;2(3):327-41 (101 ref.)

Mills JC see Haier RJ

Minami M, Nishijima H, Matsumura N, et al: [Plasma catecholamines during maximal exercise in competitive skiers and cardiac patients (author's transl)] Kokyu To Junkan 1981 Jul; 29(7):737-42 (Eng. Abstr.) (Jpn)

Mirbagheri I see Geissler CA

Mirsky I, Krayenbuehl HP: The role of wall stress in the assessment of ventricular function. Herz 1981 Oct;6(5):288-99

Mirwald RL, Bailey DA, Cameron N, et al: Longitudinal comparison of aerobic power in active and inactive boys aged 7.0 to 17.0 years. Ann Hum Biol 1981 Sep-Oct;8(5):405-14

Misiunene NB see Bluzhas IN

Mitchell D see Shapiro CM

Mitchell JH see Longhurst JC

Mitchell JH see Muntz KH

Mitchell JH see Schibye B

Miyamoto Y, Tamura T, Takahashi T, et al: Transient changes in ventilation and cardiac output at the start and end of exercise. Jpn J Physiol 1981;31(2):153-68

Miyamoto Y, Sakakibara K, Takahashi M, et al: Online computer for assessing respiratory and metabolic function during exercise. Med Biol Eng Comput 1981 May;19(3):340-8

Miyamura M, Tsunoda T, Fujitsuka N, et al: Ventilatory response to CO2 rebreathing at rest in the ama. Jpn J Physiol 1981; 31(3):423-6

Miyano H see Sadoyama T

Miyata H, Asai H: Amphoteric charge distribution at the enzymatic site of 1,N6-ethenoadenosine triphosphate-binding heavy meromyosin determined by dynamic fluorescence quenching. J Biochem (Tokyo) 1981 Jul;90(1):133-9

Miyauchi T, Kitada Y, Satoh S: Effects of acutely and chronically administered antidepressants on the brain regional 3-methoxy-4-hydroxyphenylethyleneglycol sulfate in the forced swimming rat. Life Sci 1981 Nov 2;29(18):1921-8

Mjøs OD see Myhre K

Moffatt R see Stamford BA

Mogensen CE see Pedersen EB

Moll ME see Williams RS

Molnar G: Rehabilitative benefits of sports for the handicapped. Conn Med 1981 Sep;45(9):574-7

Monos E see Hudetz AG

Montebugnoli L see Ambrosioni E

Moorthy CV, Reddanna P, Govindappa S: Muscular training through localized in vivo electrical stimulations.
Indian J Physiol Pharmacol 1981 Jul-Sep;25(3):229-36

Moret PR, Bopp P, Righetti A, et al: Entraînement physique et haute altitude. Schweiz Med Wochenschr 1981 Nov 7; 111(45):1693-6 (Eng. Abstr.) (Fre)

Moreyra AE see Kostis JB

Morris AF: A scientific explanation for Eric Heiden's unique Olympic performance. J Sports Med Phys Fitness 1981 Jun; 21(2):156-9

Morrow WJ see Isenberg DA

Mukhammedov A see Rodionov IM

Müller W, Wanner HU: Einfluss der Gewichts- reduktion auf die körperliche Leistungsfähigkeit. Schweiz Z Sportmed 1981 Sep; 29(3):89-96 (Eng. Abstr.) (Ger)

Mulvany MJ see Nilsson H

Munoz NM see Leff AR

Muntz KH, Gonyea WJ, Mitchell JH: Cardiac hypertrophy in response to an isometric training program in the cat.
Circ Res 1981 Nov;49(5):1092-101

Murphy E see Greenberg BH

Murphy PR see Ellaway PH

Murray RG see Tweddel AC

Myers E see Grodzinsky AJ

Myhre K, Mjøs OD, Bjørsvik G, et al: Relationship of high density lipoprotein cholesterol concentration to the duration and intensity of endurance training. Scand J Clin Lab Invest 1981 May;41(3):303-9

Myhre K see Larsen T

N

Nadeau A see LeBlanc J

Nadel JA see Stokes DL

Nag PK, Chatterjee SK: Voluntary muscular contraction with reference to agricultural tasks. Indian J Med Res 1981 Jul; 74:111-9

Namiki O see Leach RE

Narahara KA see Shapiro W

Nast PF, McDonald L: Planning the employee fitness program. Occup Health Saf 1981 Oct;50(10):27-9, 52

Natale A see Malvezzi A

Nathony SF see Kaplan AP

Nazarenko VA see Mazur NA

Nechwatal W, Stauch M, Sigel H, et al: Effects of molsidomine on global and regional left ventricular function at rest and during exercise in patients with angina pectoris. Clin Cardiol 1981 Sep-Oct;4(5):248-53

Neigut D see Henry JH

Neijens HJ, Wesselius T, Kerrebijn KF: Exercise-induced bronchoconstriction as an expression of bronchial hyperreactivity: a study of its mechanisms in children. Thorax 1981 Jul;36(7):517-22

Nelson RA: Requirements related to physical activity and inactivity. Prog Clin Biol Res 1981;67:153-60

Nelson RR see Gobel FL

Nesvadba Z, Hosková L, Zdánský P, et al: Functional and biochemical responses of children with progressive muscular dystrophy on standard physical exertion.
Sb Ved Pr Lek Fak Univ Karlovy 1981;24(2):215-52

Neukomm PA see Siebenmann D

Neviackas JA, Bauer JH: Renal function abnormalities induced by marathon running. South Med J 1981 Dec;74(12):1457-60

Newlin DB: Relationships of pulse transmission times to pre-ejection period and blood pressure. Psychophysiology 1981

May;18(3):316–21

Newsholme EA: The glucose/fatty acid cycle and physical exhaustion. Ciba Found Symp 1981;(82):89–101

Nichols G see **Goad RF**

Niedermüller H see **Hofecker G**

Nielsen TT see **Henriksen JM**

Niethals E see **Jussiant P**

Nikitin GD, Paikova LV, Linnik SA: O prichinakh podkozhnykh razryvov sukhozhiliĭ u sportsmenov. Vestn Khir 1981 Jul; 127(7):78–81 (Eng. Abstr.) **(Rus)**

Nikkilä EA see **Koivisto VA**

Nilsson H, Mulvany MJ: Prolonged exposure to ouabain eliminates the greater norepinephrine-dependent calcium sensitivity of resistance vessels in spontaneously hypertensive rats. Hypertension 1981 Nov–Dec;3(6):691–7

Nironova ZS, Bogutskaia EV, Merkulova RI, et al: Dostizheniia sportivnoĭ travmatologii. Ortop Travmatol Protez 1981;(4):48–51 (Eng. Abstr.) **(Rus)**

Nishida O see **Arita K**

Nishijima H see **Minami M**

Nishimura T, Kambara H, Chen CH, et al: Noninvasive assessment of T-wave abnormalities on precordial electrocardiograms in middle-aged professional bicyclists. J Electrocardiol 1981 Oct; 14(4):357–64

Nishiwaki K see **Doba N**

Nitenberg A see **Richalet JP**

Nolewajka AJ, Kostuk WJ, Rechnitzer PA, et al: A comparison of two commonly used stress testing protocols in patients with documented coronary artery disease. J Sports Med Phys Fitness 1981 Jun;21(2):138–44

Nonneman AJ see **Whishaw IQ**

Nordstrom LA see **Gobel FL**

Novák J, Huzl F, Kružej E, et al: Ortoklinostatická reakce a funkční zdatnost oběhové soustavy lesních dělníku, pracujících s víceúčelovými kácecími stroji. Závislost na třidenním pracovním cyklu. Cas Lek Cesk 1981 Apr 23;120(16):479–83 (Eng. Abstr.) **(Cze)**

Novák Z: Zdravotně významné aktivity ve zpusobu života dospělé populace. Cesk Zdrav 1981 Oct;29(10):416–25 (Eng. Abstr.) **(Cze)**

Novotná S see **Puchmayer V**

Nowlin NS see **Shields JM**

Nuernberger P: Freedom from stress: a holistic approach. Nursinglife 1981 Nov–Dec;1(3):61–8

Nutter DO, Priest RE, Fuller EO: Endurance training in the rat. I. Myocardial mechanics and biochemistry. J Appl Physiol 1981 Oct;51(4):934–40

Nutter DO see **Fuller EO**

Nyakas C see **Eller A**

Nyberg G, Westling H: Circulatory effects of sublingual and oral sustained-release nitroglycerin in healthy young men. Eur J Clin Pharmacol 1981 Mar;19(4):245–9

Nygaard E: Skeletal muscle fibre characteristics in young women. Acta Physiol Scand 1981 Jul;112(3):299–304

Nylander E: Effect of beta-adrenergic receptor blockade on development of training-induced bradycardia in rats. Acta Physiol Scand 1981 Aug;112(4):449–54

Nylander E see **Sonnhag C**

O

O-Uchi T see **Igarashi M**

Oberwaldner B see **Zach MS**

Ochsner JL see **McFadden PM**

Ogidani N see **Fukui S**

OH SY see **Cho YW**

Ohashi K, Warrington SJ, Kaye CM, et al: Observations on the clinical pharmacology and plasma concentrations of diacetolol, the major human metabolite of acebutolol. Br J Clin Pharmacol 1981 Oct;12(4):561–5

O'Herlihy C: Jogging and suppression of ovulation [letter] N Engl J Med 1982 Jan 7;306(1):50–1

Ohira Y, Edgerton VR, Gardner GW, et al: Work capacity after iron treatment as a function of hemoglobin and iron deficiency. J Nutr Sci Vitaminol (Tokyo) 1981;27(2):87–96

Ohira Y see **Edgerton VR**

Ohman P see **Asplund J**

Ohtsuka R see **Sawada S**

Okada RD, Osbakken MD, Boucher CA, et al: Pulmonary blood volume ratio response to exercise; a noninvasive determination of exercise-induced changes in pulmonary capillary wedge pressure. Circulation 1982 Jan;65(1):126–33

Olley PM see **Alpert BS**

Olsson G, Rehnqvist N, Lundman T, et al: Metoprolol treatment after acute myocardial infarction. Effects on ventricular arrhythmias and exercise tests during 6 months. Acta Med Scand 1981;210(1–2):59–65

Olthoff KH, Wustmann U: Latente und Belastungsherzinsuffizienz — eine Indikation für Nitrate. Z Gesamte Inn Med 1981 Sep 15;36(18):644–9 (Eng. Abstr.) **(Ger)**

Onopchuk IuN see **Bershtein SA**

Opasich C, Cobelli F, Assandri J, et al: La 'sindrome ipertensiva da sforzo' nella riabilitazione dei pazienti con infarto miocardico recente. Problemi di terapia farmacologica. Boll Soc Ital Cardiol 1980;25(5):459–66 (Eng. Abstr.) **(Ita)**

Opasich C see **Vecchio C**

Opstad PK see **Vidnes A**

Oranskiĭ IE, Ditiatev VP, Khelnonen IM, et al: Sezonnyĭ ritm tolerantnosti serdtsa k nagruzke i immunnoĭ reaktivnosti u bol'nykh ishemicheskoĭ bolezn'iu serdtsa. Sov Med 1981;(7):11–4 (Eng. Abstr.) **(Rus)**

Orava S, Jormakka E, Hulkko A: Stress fractures in young athletes. Arch Orthop Trauma Surg 1981;98(4):271–4

Orehek J: Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects [letter] Am Rev Respir Dis 1981 Oct;124(4):512–3

Osbakken MD see **Okada RD**

Oscai LB: Exercise and lipid metabolism. Prog Clin Biol Res 1981; 67:383–90 (65 ref.)

P

Packer L see **Davies KJ**

Page B see **Goad RF**

Pagliarani PL see **Zacà F**

Paikova LV see **Nikitin GD**

Palát M: 'Pro' a 'proti' pohybovej liečbe v rehabilitácii chorých so srdcovým infarktom. Vnitr Lek 1981 Oct;27(10):942–7 (Eng. Abstr.) **(Slo)**

Pallikarakis N see **Krzentowski G**

Palmoski MJ, Brandt KD: Running inhibits the reversal of atrophic changes in canine knee cartilage after removal of a leg cast. Arthritis Rheum 1981 Nov;24(11):1329–37

Palombo C see **Clerico A**

Panio MW see **Turkel SJ**

Panzuti F see **Bosisio E**

Parfitt AM see **Kleerekoper M**

Park J see **Shapiro W**

Park SS: Respiratory control in chronic obstructive pulmonary diseases. Clin Chest Med 1980 Jan;1(1):73–84 (73 ref.)

Parker JL, Adams HR: Myocardial effects of endotoxin shock: characterization of an isolated heart muscle model. Adv Shock Res 1979;2:163–75

Parkhouse BL see **Holmen MG**

Pascal B see **Cukier J**

Pashby TH: Eye injuries in hockey. Int Ophthalmol Clin 1981 Winter;21(4):59–86

Paterson DH, Cunningham DA, Donner A: The effect of different treadmill speeds on the variability of VO2 max in children. Eur J Applied Physiol 1981;47(2):113–22

Paul GR see **Leach RE**

Paulsen W, Boughner DR, Persaud J, et al: Aortic regurgitation. Detection of left ventricular dysfunction by exercise echocardiography. Br Heart J 1981 Oct;46(4):380–8

Paulsen W, Boughner DR, Ko P, et al: Left ventricular function in marathon runners: echocardiographic assessment. J Appl Physiol 1981 Oct;51(4):881–6

Pavlov H see **Cayea PD**

Payne FC see **Schibye B**

Pearce FL: Is the anti-allergic activity of sodium cromoglycate confined to its effect on the mast cell? [letter] Allergy 1981 May; 36(4):279–80

Pedegana LR see **Scranton PE Jr**

Pedersen E, Hansen HJ, Poulsen J: Effect of symptomatic therapy on motor difficulties in quantitative measurements of voluntary power. Acta Neurol Scand 1981 Oct;64(4):253–8

Pedersen EB, Mogensen CE, Larsen JS: Effects of exercise on urinary excretion of albumin and beta 2-microglobulin in young patients with mild essential hypertension without treatment and during long-term propranolol treatment. Scand J Clin Lab Invest 1981 Sep;41(5):493–8

Pelle I see **Klausen K**

Pelliccia A see **Venerando A**

Pelosi G, Proietti R, Della Morte F, et al: Decompression sickness: a medical emergency. Resuscitation 1981 Sep;9(3):201–9

Pennestri F, Tanzi P, Boccardi L, et al: Valutazione ecocardiografica del paziente infartuato sottoposto a riabilitazione. G Ital Cardiol 1981;11(7):933–40 (Eng. Abstr.) **(Ita)**

Pepine CJ see **Feldman RL**

Perez HR: The effects of competitive road-racing on the body composition, pulmonary function, and cardiovascular system of sport cyclists. J Sports Med Phys Fitness 1981 Jun;21(2):165–72

Perfilov VP see **Bogush SV**

Perloff D, Sokolow M, Cowan R: Clinical relevance of ambulatory blood pressure measurements. Biotelem Patient Monit 1981; 8(1–2):67–80

Péronnet F, Cléroux J, Perrault H, et al: Plasma norepinephrine

response to exercise before and after training in humans. J Appl Physiol 1981 Oct;51(4):812-5
Perrault H see **Péronnet F**
Persaud J see **Paulsen W**
Peters MA, Hudson PM, Dixon RL: The effect totigestational exposure to methyl n-butyl ketone has on postnatal development and behavior. Ecotoxicol Environ Safety 1981 Sep;5(3):291-306
Petersen RB see **Brown BG**
Peterson M see **Alvarez SE**
Petrika MI see **Eremenko NS**
Petro DJ, Ellenberger C Jr: Treatment of human spasticity with delta 9-tetrahydrocannabinol. J Clin Pharmacol 1981 Aug-Sep; 21(8-9 Suppl):413S-416S
Petrofsky JS: The influence of recruitment order and temperature on muscle contraction with special reference to motor unit fatigue. Eur J Applied Physiol 1981;47(1):17-25
Petrofsky JS, Burse HL, Lind AR: The effect of deep muscle temperature on the cardiovascular responses of man to static effort. Eur J Applied Physiol 1981;47(1):7-16
Pfeifer PE, Deutsch SJ: A probabilistic model for evaluation of volleyball scoring systems. Res Q Exerc Sport 1981 Oct; 52(3):330-8
Pilmanis AA see **Cales RH**
Pine MB, Citron PD, Bailly DJ, et al: Verapamil versus placebo in relieving stable angina pectoris. Circulation 1982 Jan; 65(1):17-22
Pirnay F see **Crielaard JM**
Pirnay F see **Krzentowski G**
Podhaisky H see **Schöneich C**
Podosinnikov IS see **Mikhailova IA**
Podrid PJ, Graboys TB, Lown B: Prognosis of medically treated patients with coronary-artery disease with profound ST-segment depression during exercise testing. N Engl J Med 1981 Nov 5; 305(19):1111-6
Poggesi C see **Cappelli V**
Polak JF, Holman BL: Cardiac nuclear medicine, part II: diagnosis of coronary artery disease. Med Instrum 1981 Jul-Aug; 15(4):245-7
Poliakova AP see **Egorov AD**
Poliakova NK see **Diadiusha GP**
Pomerantsev VP, Mdinaradze IuS, Prokhorovich EA, et al: Opredelenie miokardial'nogo rezerva pri érgometrii. Kardiologiia 1981 Sep;21(9):68-72 (Eng. Abstr.) **(Rus)**
Pope MH see **Carr D**
Popow C see **Götz M**
Portis JM, Vassallo SA, Albert DM: Ocular sports injuries: a review of cases on file in the Massachusetts eye and ear infirmary pathology laboratory. Int Ophthalmol Clin 1981 Winter; 21(4):1-19
Poulsen J see **Pedersen E**
Powell JW: National Athletic Injury/Illness Reporting System: eye injuries in college wrestling. Int Ophthalmol Clin 1981 Winter; 21(4):47-58
Powers SK see **Riley WW Jr**
Pratt CM, Welton DE, Squires WG Jr, et al: Demonstration of training effect during chronic beta-adrenergic blockade in patients with coronary artery disease. Circulation 1981 Dec; 64(6):1125-9
Premachandra BN, Winder WW, Hickson R, et al: Circulating reverse triiodothyronine in humans during exercise. Eur J Applied Physiol 1981;47(3):281-8
Pride NB see **Gibson GJ**
Priest RE see **Nutter DO**
Prill HJ: Sinn und Unsinn der vorgeburtlichen Ubungsverdfahren und des subpartalen Verhaltens (Read, Lamaze, Leboyer). Ther Umsch 1981 Oct;38(10):956-62 (Eng. Abstr.) **(Ger)**
Prochaczek F, Dec L, Knosala P, et al: Występowanie czynników ryzyka choroby wieńcowej u pracujących na odpowiedzialnych stanowiskach z ujemną i dodatnią próbą wysiłkową w elektrokardiogramie. Med Pr 1981;32(4):255-9 (Eng. Abstr.) **(Pol)**
Procházka Z, Caudt K, Kováč E, et al: Výsledky včasnej rehabilitačnej liečby chorých po srdcovom infarkte na Sliači. Vnitr Lek 1981 Oct;27(10):948-56 (Eng. Abstr.) **(Slo)**
Proietti R see **Pelosi G**
Prokhorovich EA see **Pomerantsev VP**
Protsenko IuL see **Kaz'min SG**
Puchmayer V, Hromádková J, Novotná S, et al: Zkušenosti dlouhodobou rehabilitacínemocných s ischemickou chorobou dolních končetin. Sb Lek 1981 Oct;83(10):277-85 (Eng. Abstr.) **(Cze)**
Puddu G see **Mariani PP**
Puissant A see **Boffety B**
Pulliam MW see **Tudor RB**
Puranen J, Alavaikko A: Intracompartmental pressure increase on exertion in patients with chronic compartment syndrome in the leg. J Bone Joint Surg [Am] 1981 Oct;63A(8):1304-9
Purrer B see **Zach MS**
Purvis GJ see **Thomas JR**
Puukka R see **Huttunen NP**

Q

Qian JA see **Gong LS**
Quaal SJ: A study of fitness and cardiovascular risk factors in male office workers. West J Nurs Res 1981 Summer;3(3):9-24
Quadagno DM, Shubeita HE, Deck J, et al: Influence of male social contacts, exercise and all-female living conditions on the menstrual cycle. Psychoneuroendocrinology 1981;6(3):239-44
Quaid K see **Haier RJ**

R

Raas E see **Gastl G**
Radimsky J see **Schürch PM**
Radwan-Włodarczyk Z see **Makowiec-Dąbrowska T**
Raether PM, Lutter LD: Recurrent compartment syndrome in the posterior thigh. Report of a case. Am J Sports Med 1982 Jan-Feb; 10(1):40-3
Raffo JA see **Luksic IY**
Ragavan VV, Frantz AG: Opioid regulation of prolactin secretion: evidence for a specific role of beta-endorphin. Endocrinology 1981 Nov;109(5):1769-71
Rahim ZH see **Lutaya G**
Rainwater J, Steele P, Kirch D, et al: Effect of propranolol on myocardial perfusion images and exercise ejection fraction in men with coronary artery disease. Circulation 1982 Jan;65(1):77-81
Rainwater J see **Steele P**
Rao CN, Rao VH, Sanjeevi R: Effect of bioflavonoids on the mechanical & thermal properties of skin & tendon. Indian J Biochem Biophys 1981 Jun;18(3):224-8
Rao VH see **Rao CN**
Raven PB see **Baun WB**
Rayan GM, Grana WA: Angular deformity of the middle fingers in a young athlete. A case report. Am J Sports Med 1982 Jan-Feb;10(1):51-4
Rdzanek J, Karpińska H, Frańczuk H, et al: Wydatek energetyczny żołnierzy zatrudnionych przy budowie dróg publicznych, linii kolejowych oraz kolejowych pracach budowlanych. Med Pr 1981;32(4):297-302 (Eng. Abstr.) **(Pol)**
Ready AE, Eynon RB, Cunningham DA: Effect of interval training and detraining on anaerobic fitness in women. Can J Appl Sport Sci 1981 Sep;6(3):114-8
Reaven GM, Chang F: Effect of exercise-training on the metabolic manifestations of streptozotocin-induced diabetes in the rat. Diabetologia 1981 Oct;21(4):415-7
Rechnitzer PA see **Nolewajka AJ**
Reddanna P see **Moorthy CV**
Rehnqvist N see **Olsson G**
Reiber HC see **Rigo P**
Reilly T, Hardiker R: Somatotype and injuries in adult student rugby footfall. J Sports Med Phys Fitness 1981 Jun;21(2):186-91
Reinhardt K, Kasner W, Schunk W, et al: Zu arbeitshygienisch-ergonomischen Problemen in Brütereien. Z Gesamte Hyg 1981 Oct;27(10):739-41 (Eng. Abstr.) **(Ger)**
Reinke A see **Schürch PM**
Renfrow NE, Bolton B: Physiological and psychological characteristics associated with women's participation in intercollegiate athletics. Percept Mot Skills 1981 Aug;53(1):90
Rennie MJ, Edwards RH, Krywawych S, et al: Effect of exercise on protein turnover in man. Clin Sci 1981 Nov;61(5):627-39
Reynoldson JA see **Carter J**
Reznick AZ see **Steinhagen-Thiessen E**
Rezvani AH see **Gordon CJ**
Ricciardi L see **Cappelli V**
Ricciardiello V see **Malvezzi A**
Richalet JP, Soulard C, Nitenberg A, et al: Myocardial oxygen extraction and oxygen-hemoglobin equilibrium curve during moderate exercise. Eur J Applied Physiol 1981;47(1):27-39
Richard D see **LeBlanc J**
Richardson D: Blood flow response of human calf muscles to static contractions at various percentages of MVC. J Appl Physiol 1981 Oct;51(4):929-33
Richardson JH, Chenman M: The effect of vitamin B6 on muscle fatigue. J Sports Med Phys Fitness 1981 Jun;21(2):119-21
Ricker K see **Haass A**
Riddle W see **Younes M**
Riedel M, Stanek V, Widimsky J: Spirometry and gas exchange in chronic pulmonary thromboembolism. Bull Eur Physiopathol Respir 1981;17(2):209-21
Righetti A see **Moret PR**
Righetti A see **Spinzler MT**
Rigo P, Reiber HC, Dressler J: Stress thallium-201 myocardial scintigraphy. Review of methodological problems and proposal for standardization. Eur Heart J 1980 Feb;1(1):81-7 (58 ref.)
Riley WW Jr, Powers SK, Welch HG: The effect of two levels of muscular work on urinary creatinine excretion. Res Q Exerc Sport 1981 Oct;52(3):339-47
Ringwald G see **Berg A**
Riordan E see **Schwartz B**

PHYSICAL FITNESS/SPORTS MEDICINE

Roberts WC, Maron BJ: Sudden death while playing professional football. Am Heart J 1981 Dec;102(6 Pt 1):1062–3

Robertson CH Jr see **Bonde-Petersen F**

Robin ED, Ensinck J, Hance AJ, et al: Glucoregulation and simulated diving in the harbor seal Phoca vitulina. Am J Physiol 1981 Nov;241(5):R293–300

Robinson S see **Aulick LH**

Rocha P see **Dongradi G**

Rochcongar P see **Besson C**

Rodionov IM, Koshelev VB, Mukhammedov A, et al: Arterial pressure, cardiac output and exercise hyperemia in chemically sympathectomized rats. Pflugers Arch 1981 Oct;391(4):324–6

Rose RJ see **Snow DH**

Rossouw LM see **de Wet FA**

Roth V see **Grodzinsky AJ**

Rothbaum DA: Coronary artery disease. Cardiovasc Clin 1981; 12(1):105–18

Rothner AD see **Streib EW**

Roti S, Iori E, Guiducci U, et al: Serum concentrations of myoglobin, creatine phosphokinase and lactic dehydrogenase after exercise in trained and untrained athletes. J Sports Med Phys Fitness 1981 Jun;21(2):113–8

Rotondo G: Indicazioni termali e climatiche in medicina sportiva. Riv Med Aeronaut Spaz 1980 Jul–Dec;43(3–4):199–211 (Eng. Abstr.) **(Ita)**

Rottman K: Barodontalgia: a dental consideration for the SCUBA diving patient. Quintessence Int 1981 Sep;12(9):979–82

Rous J: Rok 1980--rok československé spartakiády a moskevské olympiády. Cas Lek Cesk 1981 Apr 23;120(16):465–9 (Eng. Abstr.) **(Cze)**

Roussos CS see **Bigland-Ritchie B**

Rowland TW: Physical fitness in children: implications for the prevention of coronary artery disease. Curr Probl Pediatr 1981 Jul;11(9):1–54 (184 ref.)

Rozanova VD see **Arshavskiĭ IA**

Rubin B see **Antonaccio MJ**

Rüdel R see **Haass A**

Rugginenti A, Rusca C, Zurla F: Studio clinico dell'azione antiinfiammatoria e analgesica dell'acido metossinaftilpropionico in traumatismi articolari e periarticolari causati da attività sportiva. Clin Ter 1981 Mar 15;96(5):503–14 (Eng. Abstr.) **(Ita)**

Ruhling RO see **Sibley L**

Rumpf KW, Wagner H, Kaiser H, et al: Increased ammonia production during forearm ischemic work test in McArdle's disease. Klin Wochenschr 1981 Dec 1;59(23):1319–20

Rusca C see **Rugginenti A**

Russo PV see **Mandell AJ**

Rutenfranz J see **Ilmarinen J**

Ryan AJ: Anabolic steroids are fool's gold. Fed Proc 1981 Oct; 40(12):2682–8 (63 ref.)

Rybka V: Oscilografické měření sil při zatížení nohy tělesnou hmotností. Acta Chir Orthop Traumatol Cech 1981 Oct; 48(5):388–410 (Eng. Abstr.) **(Cze)**

Rymer WZ see **Tang A**

S

Sadoyama T, Miyano H: Frequency analysis of surface EMG to evaluation of muscle fatigue. Eur J Applied Physiol 1981; 47(3):239–46

Sahlin K see **Hultman E**

Saitta A, Coglitore G, De Leo A, et al: Aggregazione plastrinica e catecolamine plasmatiche in giovani sani dopo prova da sforzo. Boll Soc Ital Cardiol 1980;25(4):347–54 (Eng. Abstr.) **(Ita)**

Sakai A see **Watanabe Y**

Sakakibara K see **Miyamoto Y**

Salminen A, Vihko V: Acid hydrolase activities in mouse cardiac and skeletal muscle following exhaustive exercise. Eur J Applied Physiol 1981;47(1):57–64

Saltin B: Muscle fibre recruitment and metabolism in prolonged exhaustive dynamic exercise. Ciba Found Symp 1981;(82):41–58

Saltissi S, Hockings B, Croft DN, et al: Thallium-201 myocardial imaging in patients with dilated and ischaemic cardiomyopathy. Br Heart J 1981 Sep;46(3):290–5

San José JM see **Aros LF**

Sanders B see **Williams BR**

Sanjeevi R see **Rao CN**

Sanz G, Magriña J, Coll J, et al: Capacidad funcional y status laboral tras el infarto de miocardio. Rev Esp Cardiol 1981; 34(3):219–26 (Eng. Abstr.) **(Spa)**

Sargeant AJ, Hoinville E, Young A: Maximum leg force and power output during short-term dynamic exercise. J Appl Physiol 1981 Nov;51(5):1175–82

Sash L: Medical problems in Association football. Practitioner 1981 Jul;225(1357):1047–50

Sato H see **Fukui S**

Sato M, Yasukouchi A, Harada H: Prediction of maximal oxygen intake over a wide range of air temperature conditions. J Hum Ergol (Tokyo) 1980 Sep;9(1):81–9

Satoh S see **Miyauchi T**

Savkiv TG see **Arshavskiĭ IA**

Sawada S, Ohtsuka R, Suzuki S: A multivariate approach to feeling of fatigue in relation to individual workers' working and living conditions. J Hum Ergol (Tokyo) 1980 Sep;9(1):23–33

Scacci R see **Miller WF**

Scano G see **Sergysels R**

Scardi S: Situazione italiana delle strutture per la valutazione funzionale cardiovascolare. G Ital Cardiol 1981;11(4):535–40 (Eng. Abstr.) **(Ita)**

Schellmann B, Vock R: Tödlicher Badeunfall durch Windsurfer. Beitr Gerichtl Med 1981;39:269–72 (Eng. Abstr.) **(Ger)**

Scherrer M, Kyd K: Schutz vor Anstrengungsasthma (exercise-induced asthma) nach Salbutamol (Ventolin) in Pulverform mit dem Rotahaler inhaliert. Schweiz Med Wochenschr 1981 Oct 31;111(44):1643–8 (Eng. Abstr.) **(Ger)**

Scherzer HH: Aerobic muscular exercise: applications in clinical medicine for diagnosis and therapy. Conn Med 1981 Oct; 45(10):628–32

Schibye B, Mitchell JH, Payne FC, et al: Blood pressure and heart rate response to static exercise in relation to electromyographic activity and force development. Acta Physiol Scand 1981 Sep; 113(1):61–6

Schlefman BS, Arenson DJ: Recurrent tibial stress fractures in a jogger. J Am Podiatry Assoc 1981 Oct;71(10):577–9

Schmid P, Weybora W, Langsteger W, et al: Herzinfarkt beim Windsurfen. MMW 1981 Sep 18;123(38):1417–9 (Eng. Abstr.) **(Ger)**

Schmidt A see **Bundgaard A**

Schmiel FK see **Jehle J**

Schneider JA see **Allen RA**

Schneider RA: Fully automatic portable recording of indirect blood pressures in subjects awake and asleep, at home and at work. Biotelem Patient Monit 1981;8(1–2):81–9

Schnugg SJ see **Hecht HS**

Schoentgen S see **Sullivan P**

Schöneich C, Kuchenbecker I, Podhaisky H, et al: Die Beurteilung der gestörn peripheren Hämodynamik nach ergometrischer Belastung. Z Gesamte Inn Med 1981 Oct 1;36(19):724–7 (Eng. Abstr.) **(Ger)**

Schuberth JM see **Hunter WN**

Schuler R see **Coleman RE**

Schultz A, Haderspeck K, Takashima S: Correction of scoliosis by muscle stimulation: biomechanical analyses. Spine 1981 Sep–Oct; 6(5):468–76

Schultz A see **Haderspeck K**

Schunk W see **Reinhardt K**

Schürch PM, Reinke A, Radimsky J, et al: Das Verhalten der Blutglukose unter körperlichen Belastungen in Abhängigkeit von kohlenhydratreduzierter Diät, Alkohol und Training. Schweiz Z Sportmed 1981 Sep;29(3):77–80 (Eng. Abstr.) **(Ger)**

Schwab W see **Gastl G**

Schwartz B, Cumming DC, Riordan E, et al: Exercise-associated amenorrhea: a distinct entity? Am J Obstet Gynecol 1981 Nov 15;141(6):662–70

Scott OM, Hyde SA, Goddard C, et al: Effect of exercise in Duchenne muscular dystrophy. Physiotherapy 1981 Jun; 67(6):174–6

Scranton PE Jr, Pedegana LR, Whitesel JP: Gait analysis. Alterations in support phase forces using supportive devices. Am J Sports Med 1982 Jan–Feb;10(1):6–11

Scrutinio D, De Toma L, Mangini S, et al: Effetti acuti dell'acebutololo somministrato per os sulla tolleranza allo sforzo di pazienti con angina stabile. G Ital Cardiol 1981;11(3):364–72 (Eng. Abstr.) **(Ita)**

Searle AJ: Effects of the sauna [letter] JAMA 1982 Jan 1;247(1):28

Selwyn AP, Fox K, Forse G, et al: An investigation in patients with previous myocardial infarction who present with chest pain. Circulation 1981 Dec;64(6):1156–62

Senser L see **Haralambie G**

Sergi M see **Bosisio E**

Sergysels R, van Meerhaeghe A, Scano G, et al: Respiratory drive during exercise in chronic obstructive lung disease. Bull Eur Physiopathol Respir 1981;17(5):755–66

Serra Grima JR, Doxandabaratz J, Ventura JL: The veteran athlete. An exercise testing electrocardiographic, thorax x-ray and echocardiographic study. J Sports Med Phys Fitness 1981 Jun; 21(2):122–9

Seyer-Hansen K see **Andreassen TT**

Shaffer TH, Wolfson MR, Bhutani VK: Respiratory muscle function, assessment, and training. Phys Ther 1981 Dec; 61(12):1711–23

Shah SJ see **Shah SN**

Shah SN, Shah SJ: Utility of stress testing in angina. Indian Heart J Teach Ser 1980;(9):377–80

Shain SA see **Lin AL**

Shapiro CM, Bortz R, Mitchell D, et al: Slow-wave sleep: a recovery period after exercise. Science 1981 Dec 11;

214(4526):1253–4

Shapiro LR see **Ku LC**

Shapiro W, Narahara KA, Park J: The effects of lidoflazine on exercise performance and thallium stress scintigraphy in patients with stable angina pectoris. Circulation 1982 Jan;65(1 Pt 2):143–50

Shephard RJ: Exercise-induced bronchospasm – pathophysiology and treatment. Can J Appl Sport Sci 1981 Sep;6(3):101–8 (177 ref.)

Sherman MF see **Cayea PD**

Sherman RA see **Blaufox MD**

Sherman WM see **Withers RT**

Sherrill C see **Brown J**

Sherrill DL, Swanson GD: Cycle ergometer for dynamic exercise studies. Biomed Sci Instrum 1981;17:11

Shevchenko OP see **Sidorenko BA**

Shibayama H, Ebashi H: Characteristics of well-trained athletes in prolonged exercise from the viewpoint of aerobic power. J Hum Ergol (Tokyo) 1980 Sep;9(1):55–68

Shields JM, Nowlin NS: Exercise-induced anaphylaxis; a case report. J Kans Med Soc 1981 Sep;82(9):407, 412

Shiota T see **Watanabe Y**

Shubeita HE see **Quadagno DM**

Shultz BB see **Silva JM 3d**

Shumate JB see **Carroll JE**

Shuttlewood RJ see **Lataya G**

Sibley L, Ruhling RO, Cameron-Foster J, et al: Swimming and physical fitness during pregnancy. J Nurse Midwife 1981 Nov–Dec;26(6):3–12

Sidorenko BA, Khafizov RM, Shevchenko OP, et al: Diagnosticheskoe znachenie proby s érgometrinom u bol'nykh ishemicheskoĭ bolezn'iu serdtsa. Kardiologiia 1981 Aug; 21(8):87–92 (Eng. Abstr.) **(Rus)**

Sidorenko BA, Khafizov RM, Matveeva LS, et al: Znachenie proby s dipiridamolom v diagnostike ishemicheskoĭ bolezni serdtsa. Kardiologiia 1981;21(10):89–93 (Eng. Abstr.) **(Rus)**

Siebenmann D, Neukomm PA: Uberlegungen zur Entwicklung eines Gangsimulators. Schweiz Z Sportmed 1981 Sep;29(3):81–8 (Eng. Abstr.) **(Ger)**

Siegel AJ, Silverman LM, Holman BL: Elevated creatine kinase MB isoenzyme levels in marathon runners. Normal myocardial scintigrams suggest noncardiac source. JAMA 1981 Nov 6; 246(18):2049–51

Sierra-Chàvez R see **Haralambie G**

Siewert H see **Winterfeld HS**

Sigel H see **Nechwatal W**

Siggaard J see **Bjerregaard P**

Silke B, Taylor SH: Pharmacokinetic and haemodynamic studies with prazosin in chronic heart failure. Ir J Med Sci 1981 Aug; 150(8):240–7

Silva JM 3d, Shultz BB, Haslam RW, et al: A psychophysiological assessment of elite wrestlers. Res Q Exerc Sport 1981 Oct; 52(3):348–58

Silverman KJ, Hutchins GM, Weiss JL, et al: Catenoidal shape of the interventricular septum in idiopathic hypertrophic subaortic stenosis: two dimensional echocardiographic confirmation. Am J Cardiol 1982 Jan;49(1):27–32

Silverman LM see **Siegel AJ**

Silverman M see **Barnes PJ**

Simai E see **Messing M**

Sims JK, Zandee van Rilland RD: Escharotic stomatitis caused by the 'stinging seaweed' Microcoleus lyngbyaceus (formerly Lyngbya majuscula). Case report and literature review. Hawaii Med J 1981 Sep;40(9):243–8 (25 ref.)

Sinatra ST see **Camaione DN**

Sisk TD see **Canale ST**

Sjödin B see **Jacobs I**

Sjödin B see **Karlsson J**

Sjöholm H see **Hultman E**

Skalicky M see **Hofecker G**

Sleep JA: Single turnovers of adenosine 5'-triphosphate by myofibrils and actomyosin subfragment 1. Biochemistry 1981 Aug 18;20(17):5043–51

Sleight P see **Mayou R**

Slichter SJ, Stegall P, Smith K, et al: Dysbaric osteonecrosis: a consequence of intravascular bubble formation, endothelial damage, and platelet thrombosis. J Lab Clin Med 1981 Oct; 98(4):568–90

Smith CM, Strand FL: Neuromuscular response of the immature rat of ACTH/MSH 4—10. Peptides (Fayetteville) 1981 Summer; 2(2):197–206

Smith K see **Slichter SJ**

Snellen JW, Chang KS: Calorimeter ergometer for concentric and eccentric work. Med Biol Eng Comput 1981 May;19(3):356–8

Snow DH, Rose RJ: Hormonal changes associated with long distance exercise. Equine Vet J 1981 Jul;13(3):195–7

Snow DH, Baxter P, Rose RJ: Muscle fibre composition and glycogen depletion in horses competing in an endurance ride. Vet Rec 1981 Apr 25;108(17):374–8

Sodhi HS: A study of age and participation in different physical activities. J Sports Med Phys Fitness 1981 Jun;21(2):150–5

Sokolov IuN, Kuchuk AA: Kriterii prekrashcheniia nagruzochnykh testov u bol'nykh aterosklerozom venechnykh arterii i postinfarktnym kardiosklerozom. Ter Arkh 1981;53(8):41–4 (Eng. Abstr.) **(Rus)**

Sokolova ZA: Sostoianie khromatina nervnykh kletok golovnogo mozga i soderzhanie nukleinovykh kislot v myshtsakh krys pri raznykh lokalizatsiiakh vozdeĭstviia volnami detsimetrovogo diapazona v usloviiakh fizicheskikh nagruzok.
Vopr Kurortol Fizioter Lech Fiz Kult 1981 Jul–Aug;(4):35–8 (Eng. Abstr.) **(Rus)**

Sokolow M see **Perloff D**

Solov'ev AI see **Bershteĭn SA**

Solovtsova KM see **Ianovskiĭ GV**

Sommerfeldt L see **Codini MA**

Sonnenblick EH see **Strobeck JE**

Sonnhag C, Nylander E: Significance and reproducibility of exercise-related idiopathic ventricular arrhythmias. Eur Heart J 1980 Jun;1(3):183–93

Sotirow B: Uwagi na temat biomechaniki stawu biodrowego. Chir Narzadow Ruchu Ortop Pol 1981;46(2):143–6 (Eng. Abstr.) **(Pol)**

Soulard C see **Richalet JP**

Sowers DK see **Stricker SJ**

Sowers JR see **Stricker SJ**

Sperhake L, Ilker HG: Rehabilitation in einer ambulanten Koronar-Trainingsgruppe. Eine Longitudinalbetrachtung über 5 Jahre nach dem Hamburger Modell. Fortschr Med 1981 Nov 19;99(43):1777–81 (Eng. Abstr.) **(Ger)**

Spinnler MT, Righetti A, Frangos A, et al: Valore del test ergometrico prima e dopo by-pass aorto-coronarico. G Ital Cardiol 1981;11(3):303–9 (Eng. Abstr.) **(Ita)**

Spirduso WW, Farrar RP: Effects of aerobic training on reactive capacity: an animal model. J Gerontol 1981 Nov;36(6):654–62

Spitzer VM see **Klingensmith WC 3d**

Sponholtz DK see **Van Liew HD**

Springer P see **Greenberg MS**

Sprusińska E see **Makowiec-Dąbrowska T**

Squires WG Jr see **Pratt CM**

Stamatova L see **Gatev V**

Stamford BA, Weltman A, Moffatt R, et al: Exercise recovery above and below anaerobic threshold following maximal work. J Appl Physiol 1981 Oct;51(4):840–4

Stanek V see **Riedel M**

Stanic R, Tosic A, Belic L, et al: Ispitivanje perifernog arterijskog krvotoka metodom mehaničke oscilografije u bolesnika s hemiparezama i hemiplegijama u toku kineziterapijskog tretmana. Med Pregl 1981;34(1–2):35–41 (Eng. Abstr.) **(Scr)**

Stark RD, Gambles SA, Lewis JA: Methods to assess breathlessness in healthy subjects: a critical evaluation and application to analyse the acute effects of diazepam and promethazine on breathlessness induced by exercise or by exposure to raised levels of carbon dioxide. Clin Sci 1981 Oct;61(4):429–39

Stauch M see **Nechwatal W**

Stědrý V see **Matějovsky Z**

Steele P, Rainwater J, Vogel R: Effect of platelet suppressant treatment with dipyridamole and aspirin on exercise performance and platelet survival time in coronary disease. Chest 1981 Nov; 80(5):557–61

Steele P see **Rainwater J**

Stefanova-Uzunova M see **Gatev V**

Stegall P see **Slichter SJ**

Steinhagen-Thiessen E, Reznick AZ, Hilz H: Positive and negative adaptation of muscle enzymes in aging mice subjected to physical exercise. Mech Ageing Dev 1981;16(4):363–9

Stener B see **Markhede G**

Stephens H see **Karliner JS**

Sterlikov AV, Lakhov FP, Ivanov VV, et al: Vliianie lokal'noĭ vibratsii na vodolaza pri rabote pod vodoĭ.
Gig Tr Prof Zabol 1981 Nov;(11):32–5 (Eng. Abstr.) **(Rus)**

Stern D see **Klingensmith WC 3d**

Stewart KD see **Mandell AJ**

Stiehl JB see **DeLee JCU**

Stiehm M see **Jungmann H**

Stoica N see **Derévenco P**

Stokes DL, MacIntyre NR, Nadel JA: Nonlinear increases in diffusing capacity during exercise by seated and supine subjects. J Appl Physiol 1981 Oct;51(4):858–63

Strand FL see **Smith CM**

Strungfeld D see **Winterfeld HS**

Strasser R, Klepzig H: Belastungs-Ischämie des Herzens. Wirkung von Nifedipin und Acebutolol einzeln und in Kombination. MMW 1981 Aug 28;123(35):1303–6 (Eng. Abstr.) **(Ger)**

Strauss P see **Ludwig J**

Streib EW, Rothner AD: Eaton-Lambert myasthenic syndrome: long-term treatment of three patients with prednisone. Ann Neurol 1981 Nov;10(5):448–53

Stricker SJ, Sowers DK, Sowers JR, et al: 'Effort thrombosis' of the subclavian vein associated with oral contraceptives. Ann Emerg Med 1981 Nov;10(11):596–9

Strobeck JE, Sonnenblick EH: Myocardial and ventricular function.

Part II: Intact heart. Herz 1981 Oct;6(5):275-87
Stroback JE, Sonnenblick EH: Myocardial and ventricular function. Part I: Isolated muscle. Herz 1981 Oct;6(5):261-74
Struppler A, Struppler E: Quantification and documentation of changes produced by spinal cord stimulation. Appl Neurophysiol 1981;44(1-3):114-8
Struppler E see **Struppler A**
Subramanian B, Bowles MJ, Davies AB, et al: Combined therapy with verapamil and propranolol in chronic stable angina. Am J Cardiol 1982 Jan;49(1):125-32
Sue DY, Hansen JE, Wasserman K: beta-Adrenergic blockade with pindolol (LB-46) in mild to moderate asthma. Chest 1981 Nov;80(5):537-42
Sullivan P, Schoentgen S, DeQuattro V, et al: Anxiety, anger, and neurogenic tone at rest and in stress in patients with primary hypertension. Hypertension 1981 Nov-Dec;3(6 Pt 2):II-119-23
Suzuki S see **Sawada S**
Swanson GD see **Filley GF**
Swanson GD see **Sherrill DL**
Swart HH: Die huidige situasie ten opsigte van die praktiese hantering van blindheid in Suid-Afrika. S Afr Med J 1981 Nov 28;60(22):861-3 (Eng. Abstr.) **(Afr)**
Swartman JR, Taylor PB, Cook B: Effect of exercise on amino acid incorporation into myocardial contractile proteins. Pflugers Arch 1981 Oct;391(4):319-23
Swartman JR see **Cook EA**
Sweeney RC, Chadwick CJ, Bagnall WE: Exercise-induced anterior tibial compartment compression syndrome in the elderly. Postgrad Med J 1981 Aug;57(670):537-8
Swenson EW see **Kaufmann DA**
Szabó G see **Eller A**

T

Tajima N: [Comparison of angina pectoris induced by upright and recumbent exercise- using systolic time intervals and the indices for myocardial oxygen consumption (author's transl)] Nippon Ika Daigaku Zasshi 1981 Apr;48(2):178-97 (Eng. Abstr.) **(Jpn)**
Takahashi M see **Miyamoto Y**
Takahashi T see **Miyamoto Y**
Takashima S see **Schultz A**
Tamura T see **Miyamoto Y**
Tang A, Rymer WZ: Abnormal force--EMG relations in paretic limbs of hemiparetic human subjects. J Neurol Neurosurg Psychiatry 1981 Aug;44(8):690-8
Tansey WJ: Low-intensity X-ray-imaging scope (Lixiscope). Its applications in sports medicine and orthopaedic surgery. Am J Sports Med 1981 Nov-Dec;9(6):360-4
Tanzi P see **Pennestri F**
Taunton JE, Maron H, Wilkinson JG: Anaerobic performance in middle and long distance runners. Can J Appl Sport Sci 1981 Sep;6(3):109-13
Taunton JE see **McKenzie DC**
Tawil AP see **Kaplan AP**
Taylor AW, Brassard L: A physiological profile of the Canadian judo team. J Sports Med Phys Fitness 1981 Jun;21(2):160-4
Taylor PB see **Cook EA**
Taylor PB see **Swartman JR**
Taylor SH see **Silke B**
Tazetdinov IG see **Baevskiĭ RM**
Teale P see **Houghton E**
Teeple E, Ferrer EB, Ghia JN, et al: Pourfour Du Petit syndrome--hypersympathetic dysfunctional state following a direct non-penetrating injury to the cervical sympathetic chain and brachial plexus. Anesthesiology 1981 Nov;55(5):591-2
Ten Eyck RP, Longmire AW: Mechanical bull injuries: the empty saddle syndrome. Ann Emerg Med 1981 Nov;10(11):582-4
Tesch PA, Kaiser P: Effect of beta-adrenergic blockade on maximal oxygen uptake in trained males. Acta Physiol Scand 1981 Jul;112(3):351-2
Teshigawara H see **Wada M**
Thanos CE see **Alexandridis C**
Thomas JR, Gallagher JD, Purvis GJ: Reaction time and anticipation time: effects of development. Res Q Exerc Sport 1981 Oct;52(3):359-67
Thompson DS, Juul SM, Wilmshurst P, et al: Effects of sodium nitroprusside upon cardiac work, efficiency, and substrate extraction in severe left ventricular failure. Br Heart J 1981 Oct;46(4):394-400
Thompson PD, Cullinane E, Lazarus B, et al: Effect of exercise training on the untrained limb exercise performance of men with angina pectoris. Am J Cardiol 1981 Nov;48(5):844-50
Thorburn GD see **Carter J**
Tiefenbrunn AJ see **Ludbrook PA**
Tirri R see **Vornanen M**
Todorenko AD, Ulitina LV: Adaptatsiia serdechnoĭ deiatel'nosti k fizicheskoĭ nagruzke u bol'nykh khronicheskim glomerulonefritom v angipertenzivnoĭ stadii. Vrach Delo 1981 Oct;(10):42-6 (Eng. Abstr.) **(Rus)**
Tolia K see **Kleerekoper M**
Tolpin DW see **Tolpin HG**
Tolpin HG, Vinger PF, Tolpin DW: Ocular sports injuries. Economic considerations. Int Ophthalmol Clin 1981 Winter;21(4):179-201
Tomoike H, Franklin D, Kemper WS, et al: Functional evaluation of coronary collateral development in conscious dogs. Am J Physiol 1981 Oct;241(4):H519-24
Tonon M see **Bosello O**
Tonoue T: Effect of thyrotropin-releasing hormone on rat myometrium. Endocrinol Jpn 1981 Jun;28(3):313-20
Topalov V see **Cikos J**
Tornling G, Carlsson S, Unge G, et al: The effect of increased cardiac pressure load and volume load on the size of myocardial infarction following coronary artery occlusion. Acta Pathol Microbiol Scand [A] 1981 Jul;89(4):309-12
Tosi F see **Altieri E**
Tosic A see **Stanic R**
Treadwell G see **Lewis J**
Treffene RJ: Blood lactate variations in swimming. Med Biol Eng Comput 1981 May;19(3):370-2
Trifunovic S see **Cikos J**
Trofatter LP see **Massey EW**
Trotsiuk VV see **Anikin VV**
Trotter JA, Corbett K, Avner BP: Structure and function of the murine muscle-tendon junction. Anat Rec 1981 Oct;201(2):293-302
Troxler RG see **Uhl GS**
Tsongas PE: Ocular sports injuries. Standards of protection and prevention. II. The role of government in injury prevention. Int Ophthalmol Clin 1981 Winter;21(4):171-7
Tsuji H see **Asoh T**
Tsujita J see **Araki T**
Tsunoda T see **Miyamura M**
Tsyv'ian PB see **Markhasin VS**
Tudor RB, Carson JP, Pulliam MW, et al: Pott's puffy tumor, frontal sinusitis, frontal bone osteomyelitis, and epidural abscess secondary to a wrestling injury. Am J Sports Med 1981 Nov-Dec;9(6):390-1
Turkel SJ, Panio MW, Marshall JL, et al: Stabilizing mechanisms preventing anterior dislocation of the glenohumeral joint. J Bone Joint Surg [Am] 1981 Oct;63A(8):1208-17
Turlapaty PD see **Gootman PM**
Tweddel AC, Beattie JM, Murray RG, et al: The combination of nifedipine and propranolol in the management of patients with angina pectoris. Br J Clin Pharmacol 1981 Aug;12(2):229-33
Tweeddale PM, Godden DJ, Grant IW: Hyperventilation of exercise to induce asthma? Thorax 1981 Aug;36(8):596-8
Twentyman OP, Disley A, Gribbin HR, et al: Effect of beta-adrenergic blockade on respiratory and metabolic responses to exercise. J Appl Physiol 1981 Oct;51(4):788-93
Tzankoff SP see **Aulick LH**

U

Udassin R see **Epstein Y**
Uhl GS, Kay TN, Hickman JR Jr: Computer-enhanced thallium scintigrams in asymptomatic men with abnormal exercise tests. Am J Cardiol 1981 Dec;48(6):1037-43
Uhl GS, Troxler RG, Hickman JR Jr, et al: Relation between high density lipoprotein cholesterol and coronary artery disease in asymptomatic men. Am J Cardiol 1981 Nov;48(5):903-10
Ulitina LV see **Todorenko AD**
Ullis KC see **Ferkel RD**
Unge G see **Tornling G**
Untereker W see **Wilson JR**
Usik SV, Lenkova RI: Bioénergeticheskaia kharakteristika fizicheskikh nagruzok razlichnogo kharaktera. Fiziol Zh SSSR 1981 Sep;67(9):1370-4 (Eng. Abstr.) **(Rus)**
Uusitalo A, Keyriläinen O, Johnsson G: A dose-response study on metoprolol in angina pectoris. Ann Clin Res 1981;13 Suppl 30:54-7

V

Vaida A see **Derévenco P**
Valevskiĭ SF see **Dziak VN**
Valliant PM: Personality and injury in competitive runners. Percept Mot Skills 1981 Aug;53(1):251-3
van der Glas HW see **van Steenberghe D**
Vanboutte PM see **Webb RC**
Van Liew HD, Sponholtz DK: Effectiveness of a breath during exercise in a hyperbaric environment. Undersea Biomed Res 1981 Sep;8(3):147-61
van Meerhaeghe A see **Sergysels R**
van Steenberghe D, van der Glas HW, Grisar PR, et al: The effect of acoustic masking on the silent period in the Masseter electromyogram in man during sustained isometric contraction.

Electromyogr Clin Neurophysiol 1981 Nov-Dec;21(7):611-25

Vassallo SA see **Portis JM**

Vecchio C, Cobelli F, Opasich C, et al: Valutazione funzionale precoce e riabilitazione fisica nei pazienti con infarto miocardico esteso. G Ital Cardiol 1981;11(4):419-29 (Eng. Abstr.) **(Ita)**

Venerando A, Pelliccia A: Physiopathologie de la circulation veineuse superficielle des athlétes. Phlebologie 1981 Apr-Jun; 34(2):289-98 (Eng. Abstr.) **(Fre)**

Ventura JL see **Serra Grima JR**

Verdecchia P see **Corea L**

Vickers H see **Barnes PJ**

Vidnes A, Opstad PK: Serum ferritin in young men during prolonged heavy physical exercise. Scand J Haematol 1981 Sep; 27(3):165-70

Vigevano F see **Cruceu G**

Vigorito C see **Cuomo S**

Vihko V see **Salminen A**

Vik-Mo H see **Larsen T**

Villa Moruzzi E, Bergamini E, Bergamini ZG: Glycogen metabolism and the function of fast and slow muscles of the rat. Pflugers Arch 1981 Oct;391(4):338-42

Vinger PF: Ocular sports injuries. Principles of protection. Int Ophthalmol Clin 1981 Winter;21(4):149-61

Vinger PF: The incidence of eye injuries in sports. Int Ophthalmol Clin 1981 Winter;21(4):21-46

Vinger PF see **Tolpin HG**

Vock R see **Schellmann B**

Vogel R see **Steele P**

Voigt D see **Messing M**

von Ameln H see **Kirsch KA**

Vondra K, Brodan V, Bass A, et al: Effects of sleep deprivation on the activity of selected metabolic enzymes in skeletal muscle. Eur J Applied Physiol 1981;47(1):41-6

von Glutz G see **Keul J**

von Gumppenberg S see **Jakob RP**

Vornanen M, Tirri R: Cholinergic responses in different sections of rat airways. Acta Physiol Scand 1981 Oct;113(2):177-82

Vorro J, Hobart D: Kinematic and myoelectric analysis of skill acquisition: II. 150cm subject group. Arch Phys Med Rehabil 1981 Nov;62(11):582-9

Vorro J, Hobart D: Kinematic and myoelectric analysis of skill acquisition: I. 90cm subject group. Arch Phys Med Rehabil 1981 Nov;62(11):575-82

Vu Anh T see **Maquet P**

W

Wada M, Kaneko K, Teshigawara H, et al: Exercise stress body surface isopotential map in patients with coronary artery disease: comparison with coronary angiographic and stress myocardial perfusion scintigraphic findings. Jpn Circ J 1981 Oct; 45(10):1203-7

Wagner H see **Rumpf KW**

Walsh TP see **Kuter MR**

Walsh WD: Memory for preselected and constrained short movements. Res Q Exerc Sport 1981 Oct;52(3):368-79

Walter J see **Ludwig J**

Wanner HU see **Müller W**

Warnick JE see **Matthews JC**

Warrington SJ see **Ohashi K**

Wasserman K see **Sue DY**

Wasserstrom JA, Ferrier GR: Voltage dependence of digitalis afterpotentials, aftercontractions, and inotropy. Am J Physiol 1981 Oct;241(4):H646-53

Watanabe Y, Sakai A, Shiota T, et al: [Quantitative evaluation of serial 201Tl Myocardial scintigrams after stress testing in ischemic heart disease (author's transl)] Radioisotopes 1981 May; 30(5):268-74 (Eng. Abstr.) **(Jpn)**

Watanabe Y see **Yasui S**

Webb RC, Bohr DF: Regulation of vascular tone, molecular mechanisms. Prog Cardiovasc Dis 1981 Nov-Dec;24(3):213-42 (205 ref.)

Webb RC, Vanhoutte PM, Bohr DF: Inactivation of released norepinephrine in rat tail artery by neuronal uptake. J Cardiovasc Pharmacol 1980;2(2):121-32

Webb WB, Kaufmann DA, Devy CM: Sleep deprivation and physical fitness in young and older subjects. J Sports Med Phys Fitness 1981 Jun;21(2):198-202

Webber BA: Living to the limit: exercise for the chronic breathless patient. Physiotherapy 1981 May 10;67(5):128-30

Webber JB: Common pain syndromes: upper extremities. Geriatrics 1981 Dec;36(12):59-69

Wegmüller R see **Hirzel HO**

Weibel ER: Stereological methods in cell biology: where are we—where are we going? J Histochem Cytochem 1981 Sep; 29(9):1043-52

Weis DR: Contact lenses for athletes. Int Ophthalmol Clin 1981 Winter;21(4):139-48

Weisfeldt ML see **Abben R**

Weiss B see **Laties VG**

Weiss JL see **Silverman KJ**

Welch HG see **Riley WW Jr**

Weltman A see **Stamford BA**

Welton DE see **Pratt CM**

Wenger HA, Wilkinson JG, Dallaire J, et al: Uptake of 3H-leucine into different fractions of rat skeletal muscle following acute endurance and sprint exercise. Eur J Applied Physiol 1981; 47(1):83-92

Wenger NK: Rehabilitation of the patient with myocardial infarction. Responsibility of the primary care physician. Primary Care 1981 Sep;8(3):491-507 (28 ref.)

Wermuth G see **Hoberg E**

Wessellus T see **Neijens HJ**

Westling H see **Nyberg G**

Wexler JP see **Blaufox MD**

Weybora W see **Schmid P**

Whishaw IQ, Nonneman AJ, Kolb B: Environmental constraints on motor abilities used in grooming, swimming, and eating by decorticate rats. J Comp Physiol Psychol 1981 Oct;95(5):792-804

White FC see **Badke FR**

Whitesel JP see **Scranton PE Jr**

Whiteside JA, Fleagle SB, Kalenak A: Fractures and refractures in intercollegiate athletes. An eleven-year experience. Am J Sports Med 1981 Nov-Dec;9(6):369-77

Whiteson AL: Injuries in professional boxing. Their treatment and prevention. Practitioner 1981 Jul;225(1357):1053-7

Whittle JL see **Feldman RL**

Wicke HJ see **Kirsch KA**

Widimsky J see **Riedel M**

Wieling W see **Folmer SC**

Wigaeus E, Holm S, Astrand I: Exposure to acetone. Uptake and elimination in man. Scand J Work Environ Health 1981 Jun; 7(2):84-94

Wigand R, Bachmann P, Brandner G: Stabilization of isometric DNA viruses against thermoinactivation by lowered ionic strength. Arch Virol 1981;69(1):61-9

Wikland M see **Wilhelmsson L**

Wild JJ Jr, Franklin TD, Woods GW: Patellar pain and quadriceps rehabilitation. An EMG study. Am J Sports Med 1982 Jan-Feb; 10(1):12-5

Wilde SW, Miles DS, Durbin RJ, et al: Evaluation of myocardial performance during wheelchair ergometer exercise. Am J Phys Med 1981 Dec;60(6):277-91

Wilde SW, Knowlton RG, Miles DS, et al: Effects of toeclip use on metabolic and cardiopulmonary responses to bicycle ergometer exercise. J Hum Ergol (Tokyo) 1980 Sep;9(1):47-54

Wilhelmsson L, Lindblom B, Wikland M, et al: Effects of prostaglandins on the isolated uterine artery of nonpregnant women. Prostaglandins 1981 Aug;22(2):223-33

Wilkie D: Shortage of chemical fuel as a cause of fatigue: studies by nuclear magnetic resonance and bicycle ergometry. Ciba Found Symp 1981;(82):102-19

Wilkinson JG see **Taunton JE**

Wilkinson JG see **Wenger HA**

Willard AL: Effects of serotonin on the generation of the motor program for swimming by the medicinal leech. J Neurosci 1981 Sep;1(9):936-44

Williams AF: When motor vehicles hit joggers: an analysis of 60 cases. Public Health Rep 1981 Sep-Oct;96(5):448-51

Williams BR, Caputo AA, Sanders B: Photoelastic stress analysis of hemimandibulectomy bone reconstruction devices. Oral Surg 1981 Sep;52(3):339-47

Williams RS, Eden RS, Moll ME, et al: Autonomic mechanisms of training bradycardia: beta-adrenergic receptors in humans. J Appl Physiol 1981 Nov;51(5):1232-7

Wilmshurst P see **Thompson DS**

Wilson BA, Evans JN: Standardization of work intensity for evaluation of exercise-induced bronchoconstriction. Eur J Applied Physiol 1981;47(3):289-94

Wilson H see **Brumback RA**

Wilson JF: Behavioral preparation for surgery: benefit or harm? J Behav Med 1981 Mar;4(1):79-102

Wilson JR, Untereker W, Hirshfeld J: Effects of isosorbide dinitrate and hydralazine on regional metabolic responses to arm exercise in patients with heart failure. Am J Cardiol 1981 Nov;48(5):934-8

Wilson NM see **Barnes PJ**

Wilson VE, Berger BG, Bird EI: Effects of running and of an exercise class on anxiety. Perspect Pediatr Pathol 1981 Oct; 53(2):472-4

Winder WW see **Premachandra BN**

Winterfeld HS, Strangfeld D, Siewert H, et al: Zur Bedeutung der kombinierten Bewegungstherapie für die Rehabilitation der alternden Menschen mit essentieller Hypertonie. ZFA (Dresden) 1981;36(2):129-31 (Eng. Abstr.) **(Ger)**

Wirth CJ, Jäger M: Biomechanik, Technik und Ergebnisse der fibularen Bandplastik am Sprunggelenk. Aktuel Traumatol 1981 Oct;11(5):175-8 (Eng. Abstr.) **(Ger)**

Withers RT, Sherman WM, Miller JM, et al: Specificity of the anaerobic threshold in endurance trained cyclists and runners.

Eur J Applied Physiol 1981;47(1):93–104
Withers RT see **Ivy JL**
Wohlfart B see **Wollmer P**
Wolfson MR see **Shaffer TH**
Wolkove N, Kreisman H, Frank H, et al: The effect of ipratropium on exercise-induced bronchoconstriction. Ann Allergy 1981 Nov;47(5 Pt 1):311–5
Wollmer P, Wohlfart B, Khan AR: Effects of 4-aminopyridine on contractile response and action potential of rabbit papillary muscle. Acta Physiol Scand 1981 Oct;113(2):183–7
Woodcock AA, Gross ER, Gellert A, et al: Effects of dihydrocodeine, alcohol, and caffeine on breathlessness and exercise tolerance in patients with chronic obstructive lung disease and normal blood gases. N Engl J Med 1981 Dec 31;305(27):1611–6
Woods GW see **Wild JJ Jr**
Woźniakowska-Szadujkis U see **Jagodziński J**
Wulp MA, Huijing PA: Het effect van bewegingsprogramma's bij ouderen. Gerontologie 1981 Nov;12(4):202–11 (Eng. Abstr.) **(Dut)**
Wustmann U see **Olthoff KH**
Wybitul K see **Keul J**

Y

Yamaguchi O see **Constantinou CE**
Yanowitz FG see **Adams TD**
Yasui S, Kubota I, Watanabe Y, et al: Quantitative evaluation of treadmill test induced ST-T changes using body surface mapping. Jpn Circ J 1981 Oct;45(10):1208–11
Yasukouchi A see **Sato M**
Yin HL, Hartwig JH, Maruyama K, et al: Ca2+ control of actin filament length. Effects of macrophage gelsolin on actin polymerization. J Biol Chem 1981 Sep 25;256(18):9693–7
Yipintsoi T see **Cohen MV**
Yoshida A see **Honda Y**
Yoshida A see **Masuda Y**
Younes M, Riddle W: A model for the relation between respiratory neural and mechanical outputs. I. Theory. J Appl Physiol 1981 Oct;51(4):963–78
Young A see **Sargeant AJ**
Young J see **Harry JD**
Youngberg JZ see **Lonergan JH**

Z

Zabela PV see **Ianushkevichus ZI**
Zacà F, Pagliarani PL, Costa GM, et al: Il monitoraggio dinamico dell'ECG nella cardiopatia ischemica. Boll Soc Ital Cardiol 1980;25(6):563–8 (Eng. Abstr.) **(Ita)**
Zach MS, Purrer B, Oberwaldner B: Effect of swimming on forced expiration and sputum clearance in cystic fibrosis. Lancet 1981 Nov 28;2(8257):1201–3
Zagelbaum G see **Macklem PT**
Zakharov VN see **Zhivoderov VM**
Zamponi A, Gabriele P, Cecconi V: La valutazione motoria dell'emiplegico con la scala di Albert. Riv Neurobiol 1980 Jan–Mar;26(1):34–49 (Eng. Abstr.) **(Ita)**
Zandee van Rilland RD see **Sims JK**
Zaret BL see **Marx P**
Zauner CW, Benson NY: Physiological alterations in young swimmers during three years of intensive training. J Sports Med Phys Fitness 1981 Jun;21(2):179–85
Zauner CW, Benson NY: Continuous treadmill walking versus intermittent treadmill running as maximal exercise tests for young competitive swimmers. J Sports Med Phys Fitness 1981 Jun;21(2):173–8
Zdánský P see **Nesvadba Z**
Zemtsovskiĭ EV see **Dembo AG**
Zerzawy R, Bachmann K: Radiotelemetry of direct blood pressure. Biotelem Patient Monit 1981;8(1–2):7–14
Zerzawy R, Bachmann K: Comparison of radiotelemetry of blood pressure and standard exercise tests. Biotelem Patient Monit 1981;8(1–2):90–9
Zerzawy R see **Bachmann K**
Zhang JS see **Gong LS**
Zhemaĭtite DI see **Bluzhas IN**
Zhivoderov VM, Zakharov VN, Doshchitsin VL, et al: Antiaritmicheskaia éffektivnost' étmozina, kordakona i ritmodana pri lechenii bol'nykh ishemicheskoĭ bolezn'iu serdtsa. Kardiologiia 1981 Sep;21(9):41–4 (Eng. Abstr.) **(Rus)**
Ziemlański S see **Kucharczyk B**
Zikmund M, Hula J: Tolerance zátěže a výkonnost levé komory srdční po medikamentózním zrušení míhání síní a obnově sinusového rytmu. Vnitr Lek 1981 Oct;27(10):970–5 (Eng. Abstr.) **(Cze)**
Zinman B see **Marliss EB**
Žižkovská K see **Matějovsky Z**
Zlotsky NA: Secondary school sportsmedicine. On providing optimal care for the interscholastic athlete. Conn Med 1981 Oct;45(10):625–8
Zonca A see **Dei Cas L**
Zurla F see **Rugginenti A**

ANONYMOUS

Can J Appl Sport Sci
Canadian Association of Sports Sciences position paper on protection from exertional heat injuries. June, 1981. Can J Appl Sport Sci 1981 Sep;6(3):99–100

Ciba Found Symp
The perception of fatigue. Ciba Found Symp 1981;(82):283–96

Circulation
Secondary prevention in myocardial infarction survivors. Circulation 1982 Jan;65(1):216A–219A

Int Ophthalmol Clin
Ocular sports injuries. Int Ophthalmol Clin 1981 Winter;21(4):1–229

Ir Med J
Secondary prevention in myocardial infarction survivors. Ir Med J 1981 Sep;74(9):245–7

J Tenn Med Assoc
Indications and contraindications for exercise testing. J Tenn Med Assoc 1981 Oct;74(10):720–4
Diabetes clinical care conference—Exercise in insulin-dependent diabetes. J Tenn Med Assoc 1981 Oct;74(10):744–5

Lancet
Human muscle fatigue [editorial] Lancet 1981 Oct 3;2(8249):729–30
Exercise tests after myocardial infarction [editorial] Lancet 1981 Oct 10;2(8250):786–8
Blood and sports [editorial] Lancet 1981 Oct 17;2(8251):847–8

Med J Aust
Surfboard injuries [letter] Med J Aust 1981 Aug 8;2(3):154

N Engl J Med
In-hospital exercise after myocardial infarction [letter] N Engl J Med 1981 Dec 24;305(26):1592–3
Exercise and the endogenous opioids [letter] N Engl J Med 1981 Dec 24;305(26):1590–2

Radiography
Radiological skeletal survey for aseptic necrosis of bone in divers and compressed air workers. Notes prepared by the Medical Research Council Decompression Sickness Panel. Radiography 1981 Jun;47(558):141–3

LIST OF SERIALS INDEXED

A

Acta Chir Orthop Traumatol Cech
ACTA CHIRURGIAE ORTHOPAEDICAE ET TRAUMATOLOGIAE CECHOSLOVACA (PRAHA)

Acta Med Scand
ACTA MEDICA SCANDINAVICA (STOCKHOLM)

Acta Neurol Scand
ACTA NEUROLOGICA SCANDINAVICA (COPENHAGEN)

Acta Neurol Scand [Suppl]
ACTA NEUROLOGICA SCANDINAVICA. SUPPLEMENTUM (COPENHAGEN)

Acta Orthop Scand
ACTA ORTHOPAEDICA SCANDINAVICA (COPENHAGEN)

Acta Otolaryngol (Stockh)
ACTA OTO-LARYNGOLOGICA (STOCKHOLM)

Acta Pathol Microbiol Scand [A]
ACTA PATHOLOGICA ET MICROBIOLOGICA SCANDINAVICA. SECTION A: PATHOLOGY (COPENHAGEN)

Acta Physiol Acad Sci Hung
ACTA PHYSIOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE (BUDAPEST)

Acta Physiol Pol
ACTA PHYSIOLOGICA POLONICA (WARSZAWA)

Acta Physiol Scand
ACTA PHYSIOLOGICA SCANDINAVICA (STOCKHOLM)

Acta Urol Belg
ACTA UROLOGICA BELGICA (BRUXELLES)

Adv Shock Res
ADVANCES IN SHOCK RESEARCH (NEW YORK)

AJR
AJR. AMERICAN JOURNAL OF ROENTGENOLOGY (BALTIMORE)

Aktuel Gerontol
AKTUELLE GERONTOLOGIE (STUTTGART)

Aktuel Traumatol
AKTUELLE TRAUMATOLOGIE (STUTTGART)

Allergy
ALLERGY (COPENHAGEN)

Am Heart J
AMERICAN HEART JOURNAL (ST LOUIS)

Am J Cardiol
AMERICAN JOURNAL OF CARDIOLOGY (NEW YORK)

Am J Chin Med
AMERICAN JOURNAL OF CHINESE MEDICINE (NEW YORK)

Am J Clin Nutr
AMERICAN JOURNAL OF CLINICAL NUTRITION (BETHESDA MD)

Am J Epidemiol
AMERICAN JOURNAL OF EPIDEMIOLOGY (BALTIMORE)

Am J Med Genet
AMERICAN JOURNAL OF MEDICAL GENETICS (NEW YORK)

Am J Obstet Gynecol
AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY (ST LOUIS)

Am J Orthod
AMERICAN JOURNAL OF ORTHODONTICS (ST LOUIS)

Am J Phys Med
AMERICAN JOURNAL OF PHYSICAL MEDICINE (BALTIMORE)

Am J Physiol
AMERICAN JOURNAL OF PHYSIOLOGY (BETHESDA MD)

Am J Sports Med
AMERICAN JOURNAL OF SPORTS MEDICINE (BALTIMORE)

Am Rev Respir Dis
AMERICAN REVIEW OF RESPIRATORY DISEASE (NEW YORK)

Anat Rec
ANATOMICAL RECORD (NEW YORK)

Anesthesiology
ANESTHESIOLOGY (PHILADELPHIA)

Ann Allergy
ANNALS OF ALLERGY (ST PAUL MN)

Ann Clin Res
ANNALS OF CLINICAL RESEARCH (HELSINKI)

Ann Emerg Med
ANNALS OF EMERGENCY MEDICINE (LANSING MI)

Ann Endocrinol (Paris)
ANNALES D ENDOCRINOLOGIE (PARIS)

LIST OF SERIALS INDEXED

Ann Hum Biol
ANNALS OF HUMAN BIOLOGY (LONDON)

Ann Neurol
ANNALS OF NEUROLOGY (BOSTON)

Ann Rheum Dis
ANNALS OF THE RHEUMATIC DISEASES (LONDON)

Appl Neurophysiol
APPLIED NEUROPHYSIOLOGY (BASEL)

Arch Biochem Biophys
ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS (NEW YORK)

Arch Mal Coeur
ARCHIVES DES MALADIES DU COEUR ET DES VAISSEAUX (PARIS)

Arch Orthop Trauma Surg
ARCHIVES OF ORTHOPAEDIC AND TRAUMATIC SURGERY (MUNCHEN)

Arch Phys Med Rehabil
ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION (CHICAGO)

Arch Virol
ARCHIVES OF VIROLOGY (VIENNA)

Arteriosclerosis
ARTERIOSCLEROSIS (DALLAS TX)

Arthritis Rheum
ARTHRITIS AND RHEUMATISM (ATLANTA GA)

Arzneimittelforsch
ARZNEIMITTEL-FORSCHUNG (AULENDORF)

Arztl Jugendkd
ARZTLICHE JUGENDKUNDE (LEIPZIG)

Assertive Nurse
ASSERTIVE NURSE (LA JOLLA CA)

Aust J Exp Biol Med Sci
AUSTRALIAN JOURNAL OF EXPERIMENTAL BIOLOGY AND MEDICAL SCIENCE (ADELAIDE)

Aust Nurses J
AUSTRALIAN NURSES JOURNAL (FILM) (MELBOURNE)

Aviat Space Environ Med
AVIATION SPACE AND ENVIRONMENTAL MEDICINE (WASHINGTON)

B

Basal Facts
BASAL FACTS (CHICAGO)

Basic Res Cardiol
BASIC RESEARCH IN CARDIOLOGY (DARMSTADT)

Behav Brain Res
BEHAVIOURAL BRAIN RESEARCH (AMSTERDAM)

Beitr Gerichtl Med
BEITRAGE ZUR GERICHTLICHEN MEDIZIN (VIENNA)

Beitr Orthop Traumatol
BEITRAGE ZUR ORTHOPADIE UND TRAUMATOLOGIE (BERLIN)

Biochemistry
BIOCHEMISTRY (WASHINGTON)

Biochim Biophys Acta
s) BIOCHIMICA ET BIOPHYSICA ACTA (AMSTERDAM)

Bioelectromagnetics
BIOELECTROMAGNETICS (NEW YORK)

Biofizika
BIOFIZIKA (MOSKVA)

Biokhimiia
BIOKHIMIIA (MOSKVA)

Biomed Mass Spectrom
s) BIOMEDICAL MASS SPECTROMETRY (LONDON)

Biomed Sci Instrum
BIOMEDICAL SCIENCES INSTRUMENTATION (NEW YORK)

Biosci Rep
BIOSCIENCE REPORTS (LONDON)

Biotelem Patient Monit
BIOTELEMETRY AND PATIENT MONITORING (BASEL)

Biull Eksp Biol Med
BIULLETEN EKSPERIMENTALNOI BIOLOGII I MEDITSINY (MOSKVA)

Bol Asoc Med PR
BOLETIN - ASOCIACION MEDICA DE PUERTO RICO (SAN JUAN)

Boll Soc Ital Biol Sper
BOLLETTINO - SOCIETA ITALIANA BIOLOGIA SPERIMENTALE (NAPOLI)

Boll Soc Ital Cardiol
BOLLETTINO DELLA SOCIETA ITALIANA DI CARDIOLOGIA (ROMA)

Br Heart J
BRITISH HEART JOURNAL (LONDON)

Br J Clin Pharmacol
BRITISH JOURNAL OF CLINICAL PHARMACOLOGY (LONDON)

Br J Hosp Med
BRITISH JOURNAL OF HOSPITAL MEDICINE (LONDON)

Br Med J [Clin Res]
BRITISH MEDICAL JOURNAL [CLINICAL RESEARCH ED.] (LONDON)

Bratisl Lek Listy
BRATISLAVSKE LEKARSKE LISTY (BRATISLAVA)

Bull Eur Physiopathol Respir
BULLETIN EUROPEEN DE PHYSIOPATHOLOGIE RESPIRATOIRE = CLINICAL RESPIRATORY PHYSIOLOGY (OXFORD)

C

Can J Appl Sport Sci
CANADIAN JOURNAL OF APPLIED SPORT SCIENCES. JOURNAL CANADIEN DES SCIENCES APPLIQUEES AU SPORT (VANIER CITY ONT)

Can J Physiol Pharmacol
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY (OTTAWA)

Can J Public Health
CANADIAN JOURNAL OF PUBLIC HEALTH. REVUE CANADIENNE DE SANTE PUBLIQUE (OTTAWA)

Cardiovasc Clin
CARDIOVASCULAR CLINICS (PHILADELPHIA)

Cardiovasc Res
CARDIOVASCULAR RESEARCH (LONDON)

Cas Lek Cesk
CASOPIS LEKARU CESKYCH (PRAHA)

Cathet Cardiovasc Diagn
CATHETERIZATION AND CARDIOVASCULAR DIAGNOSIS (NEW YORK)

Cell Tissue Res
CELL AND TISSUE RESEARCH (BERLIN)

Cesk Gynekol
CESKOSLOVENSKA GYNEKOLOGIE (PRAHA)

Cesk Zdrav
CESKOSLOVENSKE ZDRAVOTNICTVI (PRAHA)

Chest
CHEST (CHICAGO)

LIST OF SERIALS INDEXED

Chin Med J [Engl]
CHINESE MEDICAL JOURNAL (PEKING)

Chir Narzadow Ruchu Ortop Pol
CHIRURGIA NARZADOW RUCHU I ORTOPEDIA POLSKA (WARSZAWA)

Chir Organi Mov
CHIRURGIA DEGLI ORGANI DI MOVIMENTO (BOLOGNA)

Ciba Found Symp
CIBA FOUNDATION SYMPOSIUM (AMSTERDAM)

Circ Res
CIRCULATION RESEARCH (NEW YORK)

Circulation
CIRCULATION (NEW YORK)

Clin Cardiol
CLINICAL CARDIOLOGY (NEW YORK)

Clin Chest Med
CLINICS IN CHEST MEDICINE (PHILADELPHIA)

Clin Exp Hypertens
CLINICAL AND EXPERIMENTAL HYPERTENSION (NEW YORK)

Clin Nucl Med
CLINICAL NUCLEAR MEDICINE (PHILADELPHIA)

Clin Orthop
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH (PHILADELPHIA)

Clin Sci
CLINICAL SCIENCE (LONDON)

Clin Ter
CLINICA TERAPEUTICA (ROMA)

Conn Med
CONNECTICUT MEDICINE (NEW HAVEN CT)

Contrib Nephrol
CONTRIBUTIONS TO NEPHROLOGY (BASEL)

Cor Vasa
COR ET VASA (PRAGUE)

Crit Care Med
CRITICAL CARE MEDICINE (NEW YORK)

Crit Care Nurse
CRITICAL CARE NURSE (BRIDGEWATER NJ)

Curr Probl Pediatr
CURRENT PROBLEMS IN PEDIATRICS (CHICAGO)

D

Diabetes
DIABETES (NEW YORK)

Diabetologia
DIABETOLOGIA (BERLIN)

Dtsch Med Wochenschr
DEUTSCHE MEDIZINISCHE WOCHENSCHRIFT (STUTTGART)

DTW
DTW. DEUTSCHE TIERARZTLICHE WOCHENSCHRIFT (HANNOVER)

E

Ecotoxicol Environ Safety
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY (NEW YORK)

Electrodiagn Ther
ELECTRODIAGNOSTIC THERAPIE (CHARLEROI)

Electromyogr Clin Neurophysiol
ELECTROMYOGRAPHY AND CLINICAL NEUROPHYSIOLOGY (LOUVAIN)

Endocrinol Jpn
ENDOCRINOLOGIA JAPONICA (TOKYO)

Endocrinology
ENDOCRINOLOGY (PHILADELPHIA)

Equine Vet J
s) EQUINE VETERINARY JOURNAL (LONDON)

ET J
ET JOURNAL (GLENVIEW IL)

Eur Heart J
EUROPEAN HEART JOURNAL (LONDON)

Eur J Applied Physiol
EUROPEAN JOURNAL OF APPLIED PHYSIOLOGY AND OCCUPATIONAL PHYSIOLOGY (BERLIN)

Eur J Biochem
EUROPEAN JOURNAL OF BIOCHEMISTRY (BERLIN)

Eur J Clin Invest
EUROPEAN JOURNAL OF CLINICAL INVESTIGATION (OXFORD)

Eur J Clin Pharmacol
EUROPEAN JOURNAL OF CLINICAL PHARMACOLOGY (BERLIN)

Eur J Respir Dis
EUROPEAN JOURNAL OF RESPIRATORY DISEASES (COPENHAGEN)

Eur J Respir Dis [Suppl]
EUROPEAN JOURNAL OF RESPIRATORY DISEASES. SUPPLEMENT (COPENHAGEN)

Exp Brain Res
EXPERIMENTAL BRAIN RESEARCH (BERLIN)

Exp Lung Res
EXPERIMENTAL LUNG RESEARCH (NEW YORK)

Experientia
s) EXPERIENTIA (BASEL)

F

Fed Proc
FEDERATION PROCEEDINGS (BETHESDA MD)

Fertil Steril
FERTILITY AND STERILITY (BIRMINGHAM AL)

Fiziol Zh
FIZIOLOGICHESKII ZHURNAL (KIEV)

Fiziol Zh SSSR
FIZIOLOGICHESKII ZHURNAL SSSR IMENI I. M. SECHENOVA (LENINGRAD)

Fortschr Med
FORTSCHRITTE DER MEDIZIN (LEIPZIG)

Fysiatr Reumatol Vestn
FYSIATRICKY A REVMATOLOGICKY VESTNIK (PRAHA)

G

G Ital Cardiol
GIORNALE ITALIANO DI CARDIOLOGIA (ROMA)

Geriatrics
GERIATRICS (NEW YORK)

Gerontologie
GERONTOLOGIE (DEVENTER)

Gerontology
GERONTOLOGY (BASEL)

Gig Tr Prof Zabol
GIGIENA TRUDA I PROFESSIONALNYE ZABOLEVANIIA (MOSKVA)

Ginekol Pol
GINEKOLOGIA POLSKA (WARSZAWA)

LIST OF SERIALS INDEXED

H

Hawaii Med J
HAWAII MEDICAL JOURNAL (HONOLULU HI)

Heal Light
HEALING LIGHT (LA JOLLA CA)

Herz
HERZ (MUNCHEN)

Hiroshima J Med Sci
HIROSHIMA JOURNAL OF MEDICAL SCIENCES
(HIROSHIMA)

Horm Metab Res
HORMONE AND METABOLIC RESEARCH
(STUTTGART)

Hypertension
HYPERTENSION (DALLAS TX)

I

Indian Heart J
INDIAN HEART JOURNAL (BOMBAY)

Indian Heart J Teach Ser
INDIAN HEART JOURNAL; TEACHING SERIES
(BOMBAY)

Indian J Biochem Biophys
INDIAN JOURNAL OF BIOCHEMISTRY AND
BIOPHYSICS (NEW DELHI)

Indian J Med Res
INDIAN JOURNAL OF MEDICAL RESEARCH (NEW
DELHI)

Indian J Physiol Pharmacol
INDIAN JOURNAL OF PHYSIOLOGY AND
PHARMACOLOGY (NEW DELHI)

Int Arch Occup Environ Health
s) INTERNATIONAL ARCHIVES OF OCCUPATIONAL AND
ENVIRONMENTAL HEALTH (BERLIN)

Int Dent J
INTERNATIONAL DENTAL JOURNAL (THE HAGUE)

Int J Addict
INTERNATIONAL JOURNAL OF THE ADDICTIONS
(NEW YORK)

Int J Biometeorol
s) INTERNATIONAL JOURNAL OF BIOMETEOROLOGY
(AMSTERDAM)

Int J Clin Pharmacol Ther Toxicol
INTERNATIONAL JOURNAL OF CLINICAL
PHARMACOLOGY, THERAPY, AND TOXICOLOGY
(MUNCHEN)

Int Ophthalmol Clin
INTERNATIONAL OPHTHALMOLOGY CLINICS
(BOSTON)

Ir J Med Sci
IRISH JOURNAL OF MEDICAL SCIENCE (DUBLIN)

Ir Med J
IRISH MEDICAL JOURNAL (DUBLIN)

J

J Adolesc Health Care
JOURNAL OF ADOLESCENT HEALTH CARE (NEW
YORK)

J Allergy Clin Immunol
JOURNAL OF ALLERGY AND CLINICAL
IMMUNOLOGY (ST LOUIS)

J Am Dent Assoc
JOURNAL OF THE AMERICAN DENTAL ASSOCIATION
(CHICAGO)

J Am Podiatry Assoc
JOURNAL OF THE AMERICAN PODIATRY
ASSOCIATION (WASHINGTON)

J Anim Sci
s) JOURNAL OF ANIMAL SCIENCE (CHAMPAIGN IL)

J Appl Physiol
JOURNAL OF APPLIED PHYSIOLOGY: RESPIRATORY,
ENVIRONMENTAL AND EXERCISE PHYSIOLOGY
(BETHESDA MD)

J Behav Med
JOURNAL OF BEHAVIORAL MEDICINE (NEW YORK)

J Biochem (Tokyo)
JOURNAL OF BIOCHEMISTRY (TOKYO)

J Biol Chem
JOURNAL OF BIOLOGICAL CHEMISTRY (BALTIMORE)

J Biomech Eng
JOURNAL OF BIOMECHANICAL ENGINEERING (NEW
YORK)

J Bone Joint Surg [Am]
JOURNAL OF BONE AND JOINT SURGERY. AMERICAN
VOLUME (BOSTON)

J Bone Joint Surg [Br]
JOURNAL OF BONE AND JOINT SURGERY. BRITISH
VOLUME (LONDON)

J Cardiovasc Pharmacol
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY
(NEW YORK)

J Clin Endocrinol Metab
JOURNAL OF CLINICAL ENDOCRINOLOGY AND
METABOLISM (PHILADELPHIA)

J Clin Pharmacol
JOURNAL OF CLINICAL PHARMACOLOGY
(STAMFORD CT)

J Comp Physiol Psychol
s) JOURNAL OF COMPARATIVE AND PHYSIOLOGICAL
PSYCHOLOGY (WASHINGTON)

J Electrocardiol
JOURNAL OF ELECTROCARDIOLOGY (SOUTH
BURLINGTON VT)

J Exp Biol
s) JOURNAL OF EXPERIMENTAL BIOLOGY (LONDON)

J Fam Pract
JOURNAL OF FAMILY PRACTICE (NEW YORK)

J Foot Surg
JOURNAL OF FOOT SURGERY (DETROIT)

J Gerontol
JOURNAL OF GERONTOLOGY (WASHINGTON)

J Histochem Cytochem
JOURNAL OF HISTOCHEMISTRY AND
CYTOCHEMISTRY (BALTIMORE)

J Hum Ergol (Tokyo)
JOURNAL OF HUMAN ERGOLOGY (TOKYO)

J Kans Med Soc
JOURNAL OF THE KANSAS MEDICAL SOCIETY
(TOPEKA KS)

J Lab Clin Med
JOURNAL OF LABORATORY AND CLINICAL
MEDICINE (ST LOUIS)

J Mal Vasc
JOURNAL DES MALADIES VASCULAIRES (PARIS)

J Med Assoc Ga
JOURNAL OF THE MEDICAL ASSOCIATION OF
GEORGIA (ATLANTA GA)

J Neurol Neurosurg Psychiatry
JOURNAL OF NEUROLOGY, NEUROSURGERY AND
PSYCHIATRY (LONDON)

J Neurol Sci
JOURNAL OF THE NEUROLOGICAL SCIENCES
(AMSTERDAM)

LIST OF SERIALS INDEXED

J Neurosci
JOURNAL OF NEUROSCIENCE (BALTIMORE)

J Nucl Med Allied Sci
JOURNAL OF NUCLEAR MEDICINE AND ALLIED SCIENCES (TORINO)

J Nurse Midwife
JOURNAL OF NURSE-MIDWIFERY (NEW YORK)

J Nutr Sci Vitaminol (Tokyo)
JOURNAL OF NUTRITIONAL SCIENCE AND VITAMINOLOGY (TOKYO)

J Oral Rehabil
JOURNAL OF ORAL REHABILITATION (OXFORD)

J Pharmacol Exp Ther
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS (BALTIMORE)

J Physiol (Lond)
JOURNAL OF PHYSIOLOGY (LONDON)

J Prosthet Dent
JOURNAL OF PROSTHETIC DENTISTRY (ST LOUIS)

J R Army Med Corps
JOURNAL OF THE ROYAL ARMY MEDICAL CORPS (LONDON)

J R Coll Gen Pract
JOURNAL OF THE ROYAL COLLEGE OF GENERAL PRACTITIONERS (LONDON)

J R Nav Med Serv
JOURNAL OF THE ROYAL NAVAL MEDICAL SERVICE (ALVERSTOKE)

J Sch Health
JOURNAL OF SCHOOL HEALTH (KENT OH)

J Sports Med Phys Fitness
JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS (TORINO)

J Tenn Med Assoc
JOURNAL OF THE TENNESSEE MEDICAL ASSOCIATION (NASHVILLE TN)

JAMA
JAMA. JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION (CHICAGO)

Johns Hopkins Med J
JOHNS HOPKINS MEDICAL JOURNAL (BALTIMORE)

Jpn Circ J
JAPANESE CIRCULATION JOURNAL (KYOTO)

Jpn J Physiol
JAPANESE JOURNAL OF PHYSIOLOGY (TOKYO)

Jpn J Surg
JAPANESE JOURNAL OF SURGERY (TOKYO)

K

Kardiologiia
KARDIOLOGIIA (MOSKVA)

Klin Wochenschr
KLINISCHE WOCHENSCHRIFT (BERLIN)

Kokyu To Junkan
KOKYU TO JUNKAN. RESPIRATION AND CIRCULATION (TOKYO)

Kosm Biol Aviakosm Med
KOSMICHESKAIA BIOLOGIIA I AVIAKOSMICHESKAIA MEDITSINA (MOSKVA)

L

Lancet
LANCET (LONDON)

Life Sci
LIFE SCIENCES (OXFORD)

M

Mech Ageing Dev
MECHANISMS OF AGEING AND DEVELOPMENT (LAUSANNE)

Med Biol Eng Comput
MEDICAL AND BIOLOGICAL ENGINEERING AND COMPUTING (STEVENAGE)

Med Clin North Am
MEDICAL CLINICS OF NORTH AMERICA (PHILADELPHIA)

Med Hypotheses
MEDICAL HYPOTHESES (MONTREAL)

Med Instrum
MEDICAL INSTRUMENTATION (ARLINGTON VA)

Med J Aust
MEDICAL JOURNAL OF AUSTRALIA (SYDNEY)

Med Pr
MEDYCYNA PRACY (LODZ)

Med Pregl
MEDICINSKI PREGLED (NOVI SAD)

Med Times
MEDICAL TIMES (MANHASSET NY)

Membr Biochem
MEMBRANE BIOCHEMISTRY (NEW YORK)

Metabolism
METABOLISM, CLINICAL AND EXPERIMENTAL (NEW YORK)

Minerva Cardioangiol
MINERVA CARDIOANGIOLOGICA (TORINO)

Minerva Med
MINERVA MEDICA (TORINO)

Minn Med
MINNESOTA MEDICINE (ST PAUL MN)

MMW
MMW. MUNCHENER MEDIZINISCHE WOCHENSCHRIFT (MUNCHEN)

Mt Sinai J Med (NY)
MOUNT SINAI JOURNAL OF MEDICINE (NEW YORK)

Muscle Nerve
MUSCLE AND NERVE (BOSTON)

N

N Engl J Med
NEW ENGLAND JOURNAL OF MEDICINE (BOSTON)

Nephrologie
NEPHROLOGIE (GENEVE)

Nephron
NEPHRON (BASEL)

Neurology (NY)
NEUROLOGY (NEW YORK)

Nippon Eiseigaku Zasshi
NIPPON EISEIGAKU ZASSHI. JAPANESE JOURNAL OF HYGIENE (TOKYO)

Nippon Ika Daigaku Zasshi
NIPPON IKA DAIGAKU ZASSHI. JOURNAL OF THE NIPPON MEDICAL SCHOOL (TOKYO)

Nippon Kyobu Shikkan Gakkai Zasshi
NIPPON KYOBU SHIKKAN GAKKAI ZASSHI. JAPANESE JOURNAL OF THORACIC DISEASES. (TOKYO)

Nouv Presse Med
NOUVELLE PRESSE MEDICALE (PARIS)

Nursing (Horsham)
NURSING (HORSHAM PA)

LIST OF SERIALS INDEXED

Nursinglife
NURSINGLIFE (HORSHAM PA)

O

Occup Health Saf
s) OCCUPATIONAL HEALTH AND SAFETY (WACO TX)

Oftalmol Zh
OFTALMOLOGICHESKII ZHURNAL (ODESSA)

Oral Surg
ORAL SURGERY, ORAL MEDICINE, ORAL PATHOLOGY (ST LOUIS)

Orthop Clin North Am
ORTHOPEDIC CLINICS OF NORTH AMERICA (PHILADELPHIA)

Ortop Travmatol Protez
ORTOPEDIIA TRAVMATOLOGIIA I PROTEZIROVANIE (MOSKVA)

P

Patol Fiziol Eksp Ter
PATOLOGICHESKAIA FIZIOLOGIIA I EKSPERIMENTALNAIA TERAPIIA (MOSKVA)

Pediatrics
PEDIATRICS (EVANSTON IL)

Peptides (Fayetteville)
PEPTIDES (FAYETTEVILLE NY)

Percept Mot Skills
s) PERCEPTUAL AND MOTOR SKILLS (MISSOULA MT)

Perspect Pediatr Pathol
PERSPECTIVES IN PEDIATRIC PATHOLOGY (CHICAGO)

Pflugers Arch
PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY (BERLIN)

Phlebologie
PHLEBOLOGIE (PARIS)

Phys Ther
PHYSICAL THERAPY (NEW YORK)

Physiologie
PHYSIOLOGIE (BUCURESTI)

Physiotherapy
PHYSIOTHERAPY (LONDON)

Pneumonol Pol
PNEUMONOLOGIA POLSKA (WARSZAWA)

Postgrad Med
POSTGRADUATE MEDICINE (MINNEAPOLIS MN)

Postgrad Med J
POSTGRADUATE MEDICAL JOURNAL (OXFORD)

Poumon Coeur
POUMON ET LE COEUR (PARIS)

Practitioner
PRACTITIONER (LONDON)

Praxis
PRAXIS (BERN)

Primary Care
PRIMARY CARE; CLINICS IN OFFICE PRACTICE (PHILADELPHIA)

Probl Endokrinol (Mosk)
PROBLEMY ENDOKRINOLOGII (MOSKVA)

Proc Natl Acad Sci USA
s) PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA (WASHINGTON)

Prog Cardiovasc Dis
PROGRESS IN CARDIOVASCULAR DISEASES (NEW YORK)

Prog Clin Biol Res
PROGRESS IN CLINICAL AND BIOLOGICAL RESEARCH (NEW YORK)

Prostaglandins
PROSTAGLANDINS (LOS ALTOS CA)

Psychiatry Res
PSYCHIATRY RESEARCH (AMSTERDAM)

Psychoneuroendocrinology
PSYCHONEUROENDOCRINOLOGY (OXFORD)

Psychophysiology
PSYCHOPHYSIOLOGY (BALTIMORE)

Public Health Rep
PUBLIC HEALTH REPORTS (HYATTSVILLE MD)

Q

Quintessence Int
QUINTESSENCE INTERNATIONAL (BERLIN)

R

Radiography
RADIOGRAPHY (LONDON)

Radioisotopes
RADIOISOTOPES (TOKYO)

Radiology
RADIOLOGY (EASTON PA)

Rehabilitation (Bonn)
REHABILITATION; SOZIALMEDIZIN PHYSIKALISCHEMEDIZIN PRAVENTIVMEDIZIN (BONN)

Res Q Exerc Sport
RESEARCH QUARTERLY FOR EXERCISE AND SPORT (WASHINGTON)

Respir Physiol
RESPIRATION PHYSIOLOGY (AMSTERDAM)

Respiration
RESPIRATION (BASEL)

Resuscitation
RESUSCITATION (AMSTERDAM)

Reumatologia
REUMATOLOGIA (WARSZAWA)

Rev Esp Cardiol
REVISTA ESPANOLA DE CARDIOLOGIA (MADRID)

Rev Med Brux
REVUE MEDICALE DE BRUXELLES (BRUXELLES)

Rev Odontostomatol (Paris)
REVUE D ODONTO-STOMATOLOGIE (PARIS)

Rev Prat
REVUE DU PRATICIEN (PARIS)

Rheumatol Rehabil
RHEUMATOLOGY AND REHABILITATION (LONDON)

Riv Med Aeronaut Spaz
RIVISTA DI MEDICINA AERONAUTICA E SPAZIALE (ROMA)

Riv Neurobiol
RIVISTA DI NEUROBIOLOGIA (AREZZO)

S

S Afr Med J
SOUTH AFRICAN MEDICAL JOURNAL (CAPE TOWN)

Sb Lek
SBORNIK LEKARSKY (PRAHA)

LIST OF SERIALS INDEXED

Sb Ved Pr Lek Fak Univ Karlovy
SBORNIK VEDECKYCH PRACI LEKARSKE FAKULTY KARLOVY UNIVERZITY V HRADCI KRALOVE (PRAHA)

Scand J Clin Lab Invest
SCANDINAVIAN JOURNAL OF CLINICAL AND LABORATORY INVESTIGATION (OSLO)

Scand J Haematol
SCANDINAVIAN JOURNAL OF HAEMATOLOGY (COPENHAGEN)

Scand J Work Environ Health
SCANDINAVIAN JOURNAL OF WORK, ENVIRONMENT AND HEALTH (HELSINKI)

Schweiz Med Wochenschr
SCHWEIZERISCHE MEDIZINISCHE WOCHENSCHRIFT. JOURNAL SUISSE DE MEDECINE (BASEL)

Schweiz Z Sportmed
SCHWEIZERISCHE ZEITSCHRIFT FUR SPORTMEDIZIN (GENEVA)

Science
s) SCIENCE (WASHINGTON)

Singapore Med J
SINGAPORE MEDICAL JOURNAL (SINGAPORE)

South Med J
SOUTHERN MEDICAL JOURNAL (BIRMINGHAM AL)

Sov Med
SOVETSKAIA MEDITSINA (MOSKVA)

Spine
SPINE (HAGERSTOWN MD)

T

Taiwan I Hsueh Hui Tsa Chih
TAIWAN I HSUEH HUI TSA CHIH. JOURNAL OF THE FORMOSAN MEDICAL ASSOCIATION (TAIPEI)

Ter Arkh
TERAPEVTICHESKII ARKHIV (MOSKVA)

Ther Umsch
THERAPEUTISCHE UMSCHAU (BERN)

Thorax
THORAX (LONDON)

Thromb Res
THROMBOSIS RESEARCH (ELMSFORD NY)

Trans Ophthalmol Soc UK
TRANSACTIONS OF THE OPHTHALMOLOGICAL SOCIETIES OF THE UNITED KINGDOM (LONDON)

Tydskr Tandheelkd Ver S Afr
TYDSKRIF VAN DIE TANDHEELKUNDIGE VERENIGING VAN SUID AFRIKA (CAPE TOWN)

U

Ugeskr Laeger
UGESKRIFT FOR LAEGER (COPENHAGEN)

Ukr Biokhim Zh
UKRAINSKII BIOKHIMICHESKII ZHURNAL (KIEV)

Undersea Biomed Res
UNDERSEA BIOMEDICAL RESEARCH (BETHESDA MD)

V

Vasa
VASA (BERN)

Vestn Khir
VESTNIK KHIRURGII IMENI I. I. GREKOVA (LENINGRAD)

Vet Rec
VETERINARY RECORD (LONDON)

Vnitr Lek
VNITRNI LEKARSTVI (PRAHA)

Vopr Kurortol Fizioter Lech Fiz Kult
VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KULTURY (MOSKVA)

Vrach Delo
VRACHEBNOE DELO (KIEV)

W

West J Nurs Res
WESTERN JOURNAL OF NURSING RESEARCH (ANAHEIM CA)

Wien Klin Wochenschr
WIENER KLINISCHE WOCHENSCHRIFT (WIEN)

Wien Med Wochenschr
WIENER MEDIZINISCHE WOCHENSCHRIFT (WIEN)

Z

Z Gesamte Hyg
ZEITSCHRIFT FUR DIE GESAMTE HYGIENE UND IHRE GRENZGEBIETE (BERLIN)

Z Gesamte Inn Med
ZEITSCHRIFT FUR DIE GESAMTE INNERE MEDIZIN UND IHRE GRENZGEBIETE (LEIPZIG)

Z Kardiol
ZEITSCHRIFT FUR KARDIOLOGIE (DARMSTADT)

Zentralbl Arbeitsmed Arbeitsschutz Prophyl Ergonomie
ZENTRALBLATT FUR ARBEITSMEDIZIN, ARBEITSSCHUTZ, PROPHYLAXE UND ERGONOMIE (HEIDELBERG)

ZFA (Dresden)
ZFA. ZEITSCHRIFT FUR ALTERNSFORSCHUNG (DRESDEN)

Zh Obshch Biol
s) ZHURNAL OBSHCHEI BIOLOGII (MOSKVA)

Zh Vyssh Nerv Deiat
ZHURNAL VYSSHEI NERVNOI DEIATELNOSTI IMENI I. P. PAVLOVA (MOSKVA)

☆ U.S. GOVERNMENT PRINTING OFFICE : 1982 O—370-953 : QL 3

The citations in this bibliography all are selected from those contained in MEDLARS (The National Library of Medicine's Medical Literature Analysis and Retrieval System), and the subject headings correspond to those used in MEDLARS. The subjects covered in this bibliography were chosen by a scientific committee. Members of the committee are:

Charles M. Tipton, Ph.D.
American College of Sports Medicine

Melvin L. Thornton, M.D.
American Medical Association Committee on the Medical Aspects of Sports

Clifford A. Bachrach, M.D.
National Library of Medicine

Samuel M. Fox III, M.D.
The President's Council on Physical Fitness and Sports

Daniel F. Hanley, M.D.
United States Olympic Committee

Yvonne B. Scott
National Library of Medicine (staff support)

Ash Hayes, Ed.D.
The President's Council on Physical Fitness and Sports (staff support)

DEPARTMENT OF
HEALTH & HUMAN SERVICES

The President's Council on
Physical Fitness and Sports
Washington DC 20201

Official Business
Penalty for Private Use $300

Postage and Fees Paid
U.S. Dept of H.H.S.
HHS 396

U.S.MAIL

CONTROLLED CIRCULATION RATE

5/4

PHYSICAL FITNESS/SPORTS MEDICINE

Volume 5, Number 4, Autumn 1982

NEWARK PUBLIC LIBRARY
SEP 2 1982

PRESIDENT'S COUNCIL ON PHYSICAL FITNESS & SPORTS

A bibliographic service encompassing exercise physiology, sports injuries, physical conditioning and the medical aspects of exercise

HE 20.111:

National Library of Medicine Cataloging in Publication

ZQT
255
P578

Physical fitness/sports medicine.
v. 1- winter 1978-
Washington, President's Council on Physical Fitness and Sports.
v.

Consists of citations retrieved by computer from the MEDLARS data base of the National Library of Medicine.
Key title: Physical fitness/sports medicine, ISSN 0163-2582

1. Physical Fitness - indexes 2. Reference Books, Medical 3. Sports Medicine - indexes I. President's Council on Physical Fitness and Sports. II. National Library of Medicine.

PHYSICAL FITNESS/SPORTS MEDICINE

A Publication of the President's Council on Physical Fitness and Sports

---

Volume 5, Number 4
Autumn 1982
ISSN 0163-2582

This bibliography contains citations chosen from more than 3,000 selected periodicals, including foreign-language periodicals that print English abstracts of the articles they publish. Papers presented at selected Congresses also are included.

PHYSICAL FITNESS/SPORTS MEDICINE is published quarterly by the President's Council on Physical Fitness and Sports, 400 Sixth Street, SW., Washington, DC 20201. The Secretary of Health, Education, and Welfare has determined that publication of this periodical is essential to the conduct of the public business required by Executive Order 12345 of the President's Council. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 30, 1984. The yearly subscription rate is $8.50 in the United States and $10.65 elsewhere. Prices for single copies are $3.00 Domestic and $3.75 Foreign. Send subscription orders to Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

PHYSICAL FITNESS/SPORTS MEDICINE

ABDOMINAL INJURIES

Cholecystoduodenocolic fistula following abdominal trauma. Griffith CD, et al. **Br J Surg** 1982 Feb;69(2):99–100

[Intramural duodenal hematoma of traumatic origin: diagnosis and therapeutic options] Artigas Raventos V, et al. **Rev Esp Enferm Apar Dig** 1981 Sep;60(3):293–8 (Eng. Abstr.) **(Spa)**

ABDOMINAL WALL

Load compensating responses of human abdominal muscles. Lansing RW, et al. **J Physiol (Lond)** 1981 Nov;320:253–68

ACCIDENTS, TRAFFIC

Childhood injuries: recognition and prevention. Berger LR. **Curr Probl Pediatr** 1981 Nov;12(1):1–59

150 bicycle injuries in children: a comparison with accidents due to other causes. Illingworth CM, et al. **Injury** 1981 Jul; 13(1):7–9

[Injuries caused by bicycle wheels. Occurrence, etiology, extension of injuries and prevention] Bech B, et al. **Ugeskr Laeger** 1982 Jan 4;144(1):45–8 (Eng. Abstr.) **(Dan)**

[Non-occupational accidents in Switzerland] Huguenin RD. **Soz Praventivmed** 1981 Dec;26(6):366–70 (Eng. Abstr.) **(Ger)**

ACCLIMATIZATION

Glycogen and nonspecific adaptation to cold. LeBlanc J, et al. **J Appl Physiol** 1981 Dec;51(6):1428–32

ACHILLES TENDON

Ruptured achilles tendons treated surgically under local anaesthesia. Cetti R, et al. **Acta Orthop Scand** 1981 Dec; 52(6):675–7

[Chronic pain in the Achilles tendon among athletes] Sanzén L, et al. **Lakartidningen** 1981 Aug 19;78(34):2852–4 (Eng. Abstr.) **(Swe)**

ACROMION

Subacromial bursography. An anatomical and clinical study. Strizak AM, et al. **J Bone Joint Surg [Am]** 1982 Feb; 64(2):196–201

ADAPTATION, PHYSIOLOGICAL

Comparative study of ultrastructure and function of the rat heart hypertrophied by exercise or hypoxia. Guski H, et al. **Exp Pathol** 1981;20(2):108–20

Adaptation of fat cells to exercise: response of glucose uptake and oxidation to insulin. Craig BW, et al. **J Appl Physiol** 1981 Dec; 51(6):1500–6

Motor organization of Tritonia swimming. III. Contribution of intrinsic membrane properties to flexion neuron burst formation. Hume RI, et al. **J Neurophysiol** 1982 Jan;47(1):91–102

Enhancement of calorigenic response to cold and to norepinephrine in physically trained rats. Hirata K, et al. **Jpn J Physiol** 1981; 31(5):657–65

A study concerning adaptability in overweight puberal children. Petroiu A, et al. **Physiologie** 1982 Jan–Mar;19(1):35–9

Effects of ozone exposure on lung function in man: a review. Folinsbee LJ. **Rev Environ Health** 1981;3(3):211–40

[Some effects of high altitude exposure on man (author's transl)] Oelz O. **Praxis** 1982 Jan 12;71(2):70–7 (Eng. Abstr.) **(Ger)**

[Metabolic adaptation to physical exertion in patients with chronic bronchitis] Sztobryn M, et al. **Pneumonol Pol** 1981; 49(10):683–9 (Eng. Abstr.) **(Pol)**

[Study of the immunological reaction of young athletes] Shubik VM. **Gig Sanit** 1981 Nov;(11):21–4 (Eng. Abstr.) **(Rus)**

[Effect of physical load adaptation on the age-related dynamics of the contractile function and weight of the human left ventricle] Meerson FZ, et al. **Kardiologiia** 1982 Jan;22(1):85–90 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of pressure chamber training and high altitude adaptation to hypoxia in humans] Katkov AIu, et al. **Kosm Biol Aviakosm Med** 1982 Jan–Feb;16(1):74–7 (Eng. Abstr.) **(Rus)**

[Combined rehabilitative and therapeutic measures in space medicine] Krupina TN, et al. **Sov Med** 1981;(12):3–8 (Eng. Abstr.) **(Rus)**

[Changes of the isoenzyme spectrum of pyruvate kinase during compensated heart hyperfunction] Meerson FZ, et al. **Vopr Med Khim** 1982 Jan–Feb;28(1):98–103 (Eng. Abstr.) **(Rus)**

ADIPOSE TISSUE

Comparative analysis of physiologic responses to three different maximal graded exercise test protocols in healthy women. Pollock ML, et al. **Am Heart J** 1982 Mar;103(3):363–73

Effect of swim training on development of obesity in the genetically obese rat. Walberg JL, et al. **Am J Physiol** 1982 Mar; 242(3):R204–11

Adaptation of fat cells to exercise: response of glucose uptake and oxidation to insulin. Craig BW, et al. **J Appl Physiol** 1981 Dec; 51(6):1500–6

Evidence for mild thyroidal impairment in women undergoing endurance training. Boyden TW, et al. **J Clin Endocrinol Metab** 1982 Jan;54(1):53–6

Voluntary exercise during pregnancy and lactation and its effect on lactational performance in mice. Karasawa K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(4):333–9

What do we know about the effects of sports training on the menstrual cycle? Macvicar MG, et al. **MCN** 1982 Jan–Feb; 7(1):55–8

Body composition in adolescence. Forbes GB. **Prog Clin Biol Res** 1981;61:55–72 (32 ref.)

The biochemical basis of obesity. Rath EA. **Sci Prog** 1981 Autumn; 67(267):357–76 (110 ref.)

AGING

Skeletal muscle adaptation to aging and to respiratory and liver failure. Möller P. **Acta Med Scand [Suppl]** 1982;654:1–40

Previous alcohol consumption and its consequences of ageing, morbidity and mortality in men aged 70–75. Mellström D, et al. **Age Ageing** 1981 Nov;10(4):277–86

Alterations in mechanical properties of rat papillary muscle during maturation. Capasso JM, et al. **Am J Physiol** 1982 Mar; 242(3):H359–64

PHYSICAL FITNESS/SPORTS MEDICINE

AGING

Relationships of age and sex with range of motion of seventeen joint actions in humans. Bell RD, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):202–6

A comparative study on the effects of ageing and training on the levels of lipofuscin in various tissues of the rat. Basson AB, et al. **Comp Biochem Physiol [A]** 1982;71(3):369–74

Adult age trends in athletic performances. Stones MJ, et al. **Exp Aging Res** 1981 Fall;7(3):269–80

Functional state of the cardiovascular system, ventilation, and gas exchange during standard physical work in different age periods. Ivanov LA. **Hum Physiol** 1981 Mar–Apr;7(2):99–103

Age differences in some physiological functions during heavy physical work. Solonin YuG, et al. **Hum Physiol** 1981 Mar–Apr; 7(2):92–8

A physiological comparison of young and older endurance athletes. Heath GW, et al. **J Appl Physiol** 1981 Sep;51(3):634–40

Neonatal Frontal Lesions in the rat: sparing of learned but not species-typical behavior in the presence of reduced brain weight and cortical thickness. Kolb B, et al. **J Comp Physiol Psychol** 1981 Dec;95(6):863–79

Physical fitness in the elderly. Tichy MW, et al. **Med Instrum** 1982 Jan–Feb;16(1):20–1

Metacarpophalangeal flexion forces with respect to age, sex, and exercise habits. Hall SJ. **Med Sci Sports Exerc** 1981; 13(5):329–31

Exercise-induced proteinuria in children and adolescents. Huttunen NP, et al. **Scand J Clin Lab Invest** 1981 Oct;41(6):583–7

[Use of physical fitness for indirect appreciation of age in dialysed patients (author's transl)] Havel V, et al. **ZFA (Dresden)** 1981; 36(6):537–42 (Eng. Abstr.) **(Ger)**

[Effect of physical load adaptation on the age-related dynamics of the contractile function and weight of the human left ventricle] Meerson FZ, et al. **Kardiologiia** 1982 Jan;22(1):85–90 (Eng. Abstr.) **(Rus)**

AIR POLLUTION

Influence of environmental factors on exercise and activity of cardiac patients. Johnston BL. **Cardiovasc Nurs** 1982 Mar–Apr; 18(2):7–12

AIRWAY OBSTRUCTION

Exercise performance in marathon runners with airway obstruction. Mahler DA, et al. **Med Sci Sports Exerc** 1981; 13(5):284–9

AIRWAY RESISTANCE

Respiratory resistance of the oral airway. Cole P, et al. **Am Rev Respir Dis** 1982 Mar;125(3):363–5

Plethysmography study and pulmonary function in well-trained adolescents. de Swiniarski R, et al. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):39–49

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep; 51(3):557–64

ALCOHOL DRINKING

Comparison of nutrient intake in middle-aged men and women runners and controls. Blair SN, et al. **Med Sci Sports Exerc** 1981; 13(5):310–5

Massachusetts Department of Public Health. Risk factors and life style: a statewide health-interview survey. Lambert CA, et al. **N Engl J Med** 1982 Apr 29;306(17):1048–51

Health education [letter] Leslie PN. **NZ Med J** 1981 Dec 23; 94(698):468

ALCOHOL, ETHYL

The interaction of endurance running and ethanol on skeletal muscle mitochondria. Farrar RP, et al. **Life Sci** 1982 Jan 4; 30(1):67–75

ALCOHOLISM

Previous alcohol consumption and its consequences of ageing, morbidity and mortality in men aged 70–75. Mellström D, et al. **Age Ageing** 1981 Nov;10(4):277–86

The interaction of endurance running and ethanol on skeletal muscle mitochondria. Farrar RP, et al. **Life Sci** 1982 Jan 4; 30(1):67–75

ALTITUDE

Psychological testing at high altitudes. Nelson M. **Aviat Space Environ Med** 1982 Feb;53(2):122–6

Influence of environmental factors on exercise and activity of cardiac patients. Johnston BL. **Cardiovasc Nurs** 1982 Mar–Apr; 18(2):7–12

[Effects of physical activity and mid-alpine climatotherapy on serum lipids on adult diabetics and in obesity] Angelov I, et al. **Vutr Boles** 1981;20(5):93–7 (Eng. Abstr.) **(Bul)**

[Some effects of high altitude exposure on man (author's transl)] Oelz O. **Praxis** 1982 Jan 12;71(2):70–7 (Eng. Abstr.) **(Ger)**

[Comparative evaluation of pressure chamber training and high altitude adaptation to hypoxia in humans] Katkov AIu, et al. **Kosm Biol Aviakosm Med** 1982 Jan–Feb;16(1):74–7 (Eng. Abstr.) **(Rus)**

ALTITUDE SICKNESS

The effect of acetazolamide on the proteinuria of altitude. Bradwell AR, et al. **Aviat Space Environ Med** 1982 Jan;53(1):40–3

[Some effects of high altitude exposure on man (author's transl)] Oelz O. **Praxis** 1982 Jan 12;71(2):70–7 (Eng. Abstr.) **(Ger)**

AMINOPHYLLINE

Myocardial imaging with dipyridamole: comparison of the sensitivity and specificity of 201Tl versus MUGA. Harris D, et al. **Eur J Nucl Med** 1982;7(1):1–5

Comparative actions of substances affecting cyclic AMP metabolism on the isometric contractions of fast and slow skeletal muscle during single-pulse and subtetanic stimulation. Varagić VM, et al. **Eur J Pharmacol** 1981 Jul 17;73(1):51–60

AMPHETAMINE

The role of dopaminergic and serotonergic mechanisms in the development of swimming ability of young rats. Tamásy V, et al. **Dev Neurosci** 1981;4(5):389–400

ANABOLIC STEROIDS

Structural alterations of liver parenchyma induced by anabolic steroids. Stang-Voss C, et al. **Int J Sports Med** 1981 May; 2(2):101–5

ANAEROBIOSIS

Maximal anaerobic power in national level Indian players. Bhanot JL, et al. **Br J Sports Med** 1981 Dec;15(4):265–8

Anaerobic threshold determination by blood lactate and myoelectric signals. Nagata A, et al. **Jpn J Physiol** 1981; 31(4):585–97

ANGINA PECTORIS

Post exercise T wave changes in patients with normal and abnormal coronary arteriogram. Forssel G, et al. **Acta Med Scand** 1981; 210(6):451–4

Investigation of the mechanisms and consequences of transient myocardial ischaemia. Allan RM, et al. **Acta Med Scand [Suppl]** 1981;651:133–8

Role of coronary vasospasm in the pathogenesis of myocardial ischemia and angina pectoris. Gorlin R. **Am Heart J** 1982 Apr; 103(4 Pt 2):598–603

Clinical significance of isolated coronary bridges: benign and frequent condition involving the left anterior descending artery. Kramer JR, et al. **Am Heart J** 1982 Feb;103(2):283–8

Walk-through angina phenomenon demonstrated by graded exercise radionuclide ventriculography: possible coronary spasm mechanisms. Rizi HR, et al. **Am Heart J** 1982 Feb; 103(2):292–5

Comparison of metoprolol and verapamil in the treatment of angina pectoris. Arnman K, et al. **Am J Cardiol** 1982 Mar; 49(4):821–7

Divergent effects of diltiazem in patients with exertional angina. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):538–46

Efficacy of diltiazem in angina on effort: a multicenter trial. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):567–72

Can exercise electrocardiography and thallium-201 myocardial imaging exclude the diagnosis of coronary artery disease? Bayesian analysis of the clinical limits of exclusion and indications for coronary angiography. Patterson RE, et al. **Am J Cardiol** 1982 Apr 1;49(5):1127–35

Long-term efficacy of diltiazem in chronic stable angina associated with atherosclerosis: effect on treadmill exercise. Pool PE, et al. **Am J Cardiol** 1982 Feb 18;49(3):573–7

Reduced prostacyclin production in patients with different manifestations of ischemic heart disease. Serneri GG, et al. **Am J Cardiol** 1982 Apr 1;49(5):1146–51

Safety and efficacy of diltiazem hydrochloride for the treatment of stable angina pectoris: report of a cooperative clinical trial. Strauss WE, et al. **Am J Cardiol** 1982 Feb 18;49(3):560–6

Verapamil in stable effort angina: effects on left ventricular function evaluated with exercise radionuclide ventriculography. Tan AT, et al. **Am J Cardiol** 1982 Feb 1;49(2):425–30

Oral isosorbide dinitrate in angina pectoris: comparison of duration of action an dose-response relation during acute and sustained therapy. Thadani U, et al. **Am J Cardiol** 1982 Feb 1; 49(2):411-9

Exercise testing early after myocardial infarction. Risks and benefits. Miller DH, et al. **Am J Med** 1982 Mar;72(3):427-38 (72 ref.)

Clinical relevance of intrinsic sympathomimetic activity of beta blockers. Kostis JB, et al. **Angiology** 1981 Nov;32(11):780-7 (10 ref.)

Comparison of antianginal efficacy of one conventional and three long acting beta-adrenoreceptor blocking agents in stable angina pectoris. Jones GR, et al. **Br Heart J** 1981 Nov;46(5):503-7

Polarcardiographic (triaxicardiometric) study on the effect of isosorbide dinitrate on exercise-induced myocardial ischemia. Antalóczy Z, et al. **Cardiology** 1981;68 Suppl 2:147-52

Prognosis of women with exercise-induced ECG changes—results from a longitudinal population study. Bengtsson C, et al. **Cardiology** 1981;68 Suppl 2:9-14

Predictive value of symptom-limited exercise testing for life expectancy in inoperable coronary patients with disabling angina. Broustet JP, et al. **Cardiology** 1981;68 Suppl 2:114-23

Evaluation of antianginal drug treatment by precordial exercise electrocardiography. Cokkinos DV, et al. **Cardiology** 1981; 68 Suppl 2:141-6

Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. Deanfield J, et al. **Cardiology** 1981; 68 Suppl 2:186-9

Effects of nifedipine, acebutolol, and their association on exercise tolerance in patients with effort angina. De Ponti C, et al. **Cardiology** 1981;68 Suppl 2:195-9

The dose-response effects of nifedipine of ST-segment changes in exercise testing: preliminary studies. Fox KM, et al. **Cardiology** 1981;68 Suppl 2:209-12

The angina pectoris threshold heart rate as a prognostic sign. Results of a 5-year follow-up. Hayet M, et al. **Cardiology** 1981; 68 Suppl 2:78-83

Treadmill exercise protocols to demonstrate effectiveness of nitrate drugs in relief of angina pectoris; duration of action and degree of functional enhancement. Kattus AA. **Cardiology** 1981; 68 Suppl 2:161-8

Results of exercise tests and prognosis in postinfarction patients below age 40. Samek L, et al. **Cardiology** 1981; 68 Suppl 2:84-90

Antianginal effect of nifedipine after intracoronary and intravenous administration judged by reduction of ischemic ST-segment depression in exercise tests. Schulz W, et al. **Cardiology** 1981; 68 Suppl 2:200-8

Chest pain and rate-dependent left bundle branch block in patients with normal coronary arteriograms. Virtanen KS, et al. **Chest** 1982 Mar;81(3):326-31

Survival of patients with a strongly positive exercise electrocardiogram. Dagenais GR, et al. **Circulation** 1982 Mar; 65(3):452-6

Reversal of exercise-induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. Sarma RJ, et al. **Circulation** 1982 Apr;65(4):684-9

The effect of some antianginal drugs on the myocardial perfusion in patients with ischaemic heart disease. Gasilin VS, et al. **Cor Vasa** 1981;23(6):429-38

Early exercise test for evaluation of long-term prognosis after uncomplicated myocardial infarction. Velasco J, et al. **Eur Heart J** 1981 Oct;2(5):401-7

Increased regional myocardial perfusion after intracoronary papaverine in patients after coronary artery bypass grafting. Goldman S, et al. **J Thorac Cardiovasc Surg** 1982 Apr; 83(4):563-8

Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235-44

Clinical evaluation of stress myocardial scintigraphy with thallium-201 in patients with ischemic heart disease. Semiquantitative analysis of single dose myocardial imaging. Nakashima Y, et al. **Jpn Circ J** 1982 Mar;46(3):245-51

Cardiac rehabilitation. 2. A programme to improve lifestyle. Herdman A. **Nurs Times** 1982 Feb 3-9;78(5):187-9

Exercise tolerance five years after coronary bypass surgery in relation to clinical and angiographic findings. Ivert T, et al. **Scand J Thorac Cardiovasc Surg** 1981;15(2):179-95

[Comparison of the results of spiroergometry and coronarography in angina pectoris after myocardial infarction] Barták K, et al. **Cas Lek Cesk** 1981 Nov 19;120(46):1401-7 (Eng. Abstr.) (Cze)

[Lesional severity of post-infarction angina pectoris (author's transl)] Schurtz C, et al. **Ann Cardiol Angeiol (Paris)** 1981 Nov; 30(6):389-93 (Eng. Abstr.) (Fre)

[Myocardial scintigraphy with Tc-99m-diphosphonate in patients with coronary heart disease: a comparison with ECG and hemodynamic examinations at rest and during exertion] Neumann G, et al. **Cor Vasa** 1981;23(6):467-72 (Eng. Abstr.) (Ger)

[Comparison between holter dynamic ECG and exercise stress test in the evaluation of ventricular arrhythmias in patients with ischaemic heart disease (author's transl)] Minardi G, et al. **G Ital Cardiol** 1981;11(8):1063-71 (Eng. Abstr.) (Ita)

[Comparative evaluation of bicycle ergometry and coronary radiography results in stenocardia as a function of the ECG ST segment reaction during physical loading] Gasilin VS, et al. **Kardiologiia** 1982 Jan;22(1):11-5 (Eng. Abstr.) (Rus)

[Program and results of 10 weeks' physical training of myocardial infarct patients and patients with exertion stenocardia] Liusov VA, et al. **Kardiologiia** 1982 Jan;22(1):49-53 (Eng. Abstr.) (Rus)

[Clinical instrumental diagnosis of ischemic heart disease in patients with unaltered coronary arteries] Makolkin VI, et al. **Kardiologiia** 1982 Jan;22(1):15-8 (Eng. Abstr.) (Rus)

[Algesimetry in ischemic heart disease and neurocirculatory dystonia] Sidorenko GI, et al. **Kardiologiia** 1981 Dec; 21(12):87-92 (Eng. Abstr.) (Rus)

[Psychic changes in relation to the characteristics of the cardiac pain syndrome of myocardial infarct patients] Zaitsev VP, et al. **Kardiologiia** 1982 Jan;22(1):53-7 (Eng. Abstr.) (Rus)

[Computer analysis of the physical loading test] Charchoglian RA, et al. **Sov Med** 1982;(1):3-7 (Eng. Abstr.) (Rus)

[Use of the exercise test for determining the optimal dose of prolonged-action nitrates in patients with angina pectoris] Martsevich SIu, et al. **Ter Arkh** 1981;53(12):22-6 (Eng. Abstr.) (Rus)

[Comparison between the treadmill exercise test and atrial stimulation with measurements of plasma catecholamines in patients with angina pectoris] Trevethan S, et al. **Arch Inst Cardiol Mex** 1981 Sep-Oct;51(5):415-22 (Eng. Abstr.) (Spa)

ANGIOCARDIOGRAPHY

False positive stress tests due to undetected left ventricular hypertrophy. Wroblewski EM, et al. **Am J Epidemiol** 1982 Mar; 115(3):412-7

Isolated disease of left anterior descending coronary artery. Angiocardiographic and clinical study of 218 patients. Brooks N, et al. **Br Heart J** 1982 Jan;47(1):71-7

Exercise testing after nontransmural myocardial infarction. Coronary angiographic and prognostic correlations. Vecchio C, et al. **Cardiology** 1981;68(4):218-32

ANKLE

Beware the 'simple' fibular fracture (a clue for severe unstable ankle injury. Israeli A, et al. **Br J Sports Med** 1981 Dec; 15(4):269-71

Exertion injuries in female athletes. Orava S, et al. **Br J Sports Med** 1981 Dec;15(4):229-33

Maximum isokinetic ankle plantar and dorsal flexion torques in trained subjects. Fugl-Meyer AR. **Eur J Applied Physiol** 1981; 47(4):393-404

A kinetic analysis of sprinting. Mann RV. **Med Sci Sports Exerc** 1981;13(5):325-8

ANKLE JOINT

Primary operative treatment of the ruptured lateral ligament of the ankle. Kostiainen S, et al. **Ann Chir Gynaecol** 1981; 70(6):313-5

Mechanical energy output and joint movements in sprint running. Fukunaga T, et al. **Ergonomics** 1981 Oct;24(10):765-72

Synergy between bifunctional muscles at the ankle joint. Pérot C, et al. **Eur J Applied Physiol** 1982;48(1):59-65

EMG to force processing II: Estimation of parameters of the Hill muscle model for the human triceps surae by means of a calfergometer. Hof AL, et al. **J Biomech** 1981;14(11):759-70

Ankle sprain surgery a winner for athletes [news] Macek C. **JAMA** 1982 Mar 19;247(11):1545

[Dissecant osteochondrosis of the ankle joint (author's transl)] Grepl J, et al. **Acta Chir Orthop Traumatol Cech** 1982 Feb; 49(1):66-73 (Eng. Abstr.) (Cze)

[Injuries in women's soccer. The ankle joint and the knees are the weak points in the female players] Lewerentz H. **Lakartidningen** 1981 Dec 2;78(49):4448-50 (Eng. Abstr.) (Swe)

[Ankle joint fractures as athletic injuries] Lindsjö U. **Lakartidningen** 1981 Aug 19;78(34):2855-7 (Eng. Abstr.) (Swe)

[Simple plastic surgery of inveterate ligament injuries in the ankle joint] Weber BG. **Lakartidningen** 1981 Aug 19;78(34):2857-61 (Eng. Abstr.) (Swe)

ANTERIOR COMPARTMENT SYNDROME

Subacute anterior tibial compartment syndrome. Stefl DJ, et al. **J Foot Surg** 1981 Winter;20(4):258-61

PHYSICAL FITNESS/SPORTS MEDICINE

ANTIDEPRESSIVE AGENTS

Effects of cholinomimetics, cholinolytics and atypical antidepressants in the behavioral despair test in the rat. Herman ZS, et al. **Pol J Pharmacol Pharm** 1981;33(5):485-9

AORTIC VALVE INSUFFICIENCY

Radionuclide angiographic exercise left ventricular performance in chronic aortic regurgitation: relationship to resting echographic ventricular dimensions and systolic wall stress index. Lewis SM, et al. **Am Heart J** 1982 Apr;103(4 Pt 1):498-504

Prevalence and significance of reversible radionuclide ischemic perfusion defects in symptomatic aortic valve disease patients with or without concomitant coronary disease. Pfisterer M, et al. **Am Heart J** 1982 Jan;103(1):92-6

AORTIC VALVE STENOSIS

Prevalence and significance of reversible radionuclide ischemic perfusion defects in symptomatic aortic valve disease patients with or without concomitant coronary disease. Pfisterer M, et al. **Am Heart J** 1982 Jan;103(1):92-6

ARRHYTHMIA

Effects of infarct size, smoking, physical activity and some psychological factors on prognosis after myocardial infarction. Wilhelmsen L, et al. **Adv Cardiol** 1982;29:119-25

Exercise testing early after myocardial infarction. Risks and benefits. Miller DH, et al. **Am J Med** 1982 Mar;72(3):427-38 (72 ref.)

Ambulatory electrocardiographic recording in endurance athletes. Viitasalo MT, et al. **Br Heart J** 1982 Mar;47(3):213-20

Incidence and prognostic implications of severe ventricular arrhythmias during maximal exercise testing. Detry JM, et al. **Cardiology** 1981;68 Suppl 2:35-43

The child with heart disease: play, recreation, and sports. Strong WB, et al. **Curr Probl Cardiol** 1981 Nov;6(8):1-38

The value of postcardiac infarction exercise stress testing: identification of a group at high risk. Srinivasan M, et al. **Med J Aust** 1981 Oct 31;2(9):466-7

Long-term Holter ECG monitoring of athletes. Hanne-Paparo N, et al. **Med Sci Sports Exerc** 1981;13(5):294-8

Correlation of ventricular ectopic activity and exercise-related ST-segment changes. Davidoff R, et al. **S Afr Med J** 1982 Apr 10;61(15):539-42

[Rhythm disorders in the rehabilitation phase after myocardial infarct] Künzler A, et al. **Schweiz Med Wochenschr** 1981 Dec 12;111(50):1962-4 (Eng. Abstr.) **(Ger)**

[Comparison between holter dynamic ECG and exercise stress test in the evaluation of ventricular arrhythmias in patients with ischaemic heart disease (author's transl)] Minardi G, et al. **G Ital Cardiol** 1981;11(8):1063-71 (Eng. Abstr.) **(Ita)**

[Exercise test in chronic Chagas' cardiomyopathy. Its value in the early diagnosis. The behavior of ventricular arrhythmias and conduction disorders due to exercise in the more advanced stages of the disease] Molina A, et al. **Arq Bras Cardiol** 1981 Feb; 36(2):95-100 (Eng. Abstr.) **(Spa)**

[Effect of amiodarone on ventricular arrhythmias evaluated by serial exercise testing (author's transl)] Corbalán R, et al. **Rev Med Chil** 1981 Apr;109(4):324-31 (Eng. Abstr.) **(Spa)**

ARTERIAL OCCLUSIVE DISEASES

Clinical evaluation of stress myocardial scintigraphy with thallium-201 in patients with ischemic heart disease. Semiquantitative analysis of single dose myocardial imaging. Nakashima Y, et al. **Jpn Circ J** 1982 Mar;46(3):245-51

ARTERIOSCLEROSIS OBLITERANS

Lactate and pyruvate changes during treadmill exercise in patients with intermittent claudication. Maass U, et al. **Z Kardiol** 1982 Jan;71(1):39-43

ASTHMA

Influence of relative humidity and repeated exercise on exercise-induced bronchoconstriction. Henriksen JM, et al. **Allergy** 1981 Oct;36(7):463-70

Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects [letter] Wilson N. **Am Rev Respir Dis** 1982 Mar;125(3):371-2

Pattern and time course of ventilation-perfusion inequality in exercise-induced asthma. Young IH, et al. **Am Rev Respir Dis** 1982 Mar;125(3):304-11

Pretreatment of exercise-induced asthma by fenoterol delivered as inhalation powder and pressurized aerosol. Bundgaard A, et al. **Ann Allergy** 1982 Jan;48(1):36-9

Continuous and intermittent running in the provocation of asthma. Morton AR, et al. **Ann Allergy** 1982 Feb;48(2):123-9

Effect of oral terbutaline on exercise-induced asthma. Sly RM, et al. **Ann Allergy** 1982 Mar;43(3):151-5

Exercise and distribution of inspired gas in patients with obstructive pulmonary disease. Cutillo A, et al. **Bull Eur Physiopathol Respir** 1981 Nov-Dec;17(6):891-901

Changes in functional residual capacity during exercise in patients with exercise-induced asthma. Kiers A, et al. **Bull Eur Physiopathol Respir** 1981 Nov-Dec;17(6):869-78

Comparison of oral and inhaled metaproterenol for prevention of exercise-induced asthma. König P, et al. **Clin Allergy** 1981 Nov; 11(6):597-604

Effect of nasal and oral breathing on exercise-induced asthma. Mangla PK, et al. **Clin Allergy** 1981 Sep;11(5):433-9

The effect of calcium antagonist, nifedipine in exercise-induced asthma. Patel KR. **Clin Allergy** 1981 Sep;11(5):429-32

Oxatomide and exercise-induced asthma in children: the value of serial exercise tests. Silverman M, et al. **Clin Allergy** 1981 Sep; 11(5):421-8

Prostaglandins in exercise-induced asthma [letter] Souza LM, et al. **Clin Allergy** 1981 Sep;11(5):506-7

Effects of positive end-expiratory pressure breathing on exercise-induced asthma. Wilson BA, et al. **Int J Sports Med** 1981 Feb;2(1):27-30

Changes in angiotensin-converting enzyme activity and angiotensin I level in asthmatic and healthy children after submaximal physical work. Arvay G, et al. **J Allergy Clin Immunol** 1982 Feb;69(2):178-80

Reassessment of electrophysiological and contractile characteristics of sensitized airway smooth muscle. Souhrada M, et al. **Respir Physiol** 1981 Oct;46(1):17-27

A calcium antagonist, nifedipine, modifies exercise-induced asthma. Barnes PJ, et al. **Thorax** 1981 Oct;36(10):726-30

Plasma cyclic nucleotide levels in exercise-induced asthma. Hartley JP, et al. **Thorax** 1981 Nov;36(11):823-7

Reproducibility of flow rates measured with low density gas mixtures in exercise-induced bronchospasm. Spiro SG, et al. **Thorax** 1981 Nov;36(11):852-7

[Exercise-induced bronchospasm and the respiratory response to exercise] Feitová S, et al. **Vnitr Lek** 1981 Dec;27(12):1202-8 (Eng. Abstr.) **(Cze)**

[Exercise-induced asthma] Bundgaard A, et al. **Ugeskr Laeger** 1981 Oct 26;143(44):2869-71 (Eng. Abstr.) **(Dan)**

[Drug therapy of exercise-induced asthma] Bundgaard A, et al. **Ugeskr Laeger** 1981 Oct 26;143(44):2876-8 (Eng. Abstr.) **(Dan)**

[Should stable asthma be treated with a nebulizer or spray?] Bundgaard A, et al. **Ugeskr Laeger** 1981 Oct 26; 143(44):2878-80 (Eng. Abstr.) **(Dan)**

[Exercise-induced asthma. Physiopathology, examination methods and treatment] Henriksen JM, et al. **Ugeskr Laeger** 1981 Oct 26; 143(44):2872-5 (Eng. Abstr.) **(Dan)**

[Incidence of exercise induced asthma (EIA) in children (author's transl)] Hofmann D, et al. **Monatsschr Kinderheilkd** 1982 Feb; 130(2):91-5 (Eng. Abstr.) **(Ger)**

[Practical value of the study of bronchial reactivity in the diagnosis of bronchial asthma and asthma susceptibility in conscripts] Dziedziczko A, et al. **Pol Tyg Lek** 1981 Aug 24; 36(34):1301-4 (Eng. Abstr.) **(Pol)**

[Hemodynamics and external respiration in bronchial asthma patients at rest and under physical load] Orlov LL, et al. **Sov Med** 1982;(1):19-24 (Eng. Abstr.) **(Rus)**

ASTHMA, EXERCISE-INDUCED

Influence of relative humidity and repeated exercise on exercise-induced bronchoconstriction. Henriksen JM, et al. **Allergy** 1981 Oct;36(7):463-70

Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects [letter] Wilson N. **Am Rev Respir Dis** 1982 Mar;125(3):371-2

Pattern and time course of ventilation-perfusion inequality in exercise-induced asthma. Young IH, et al. **Am Rev Respir Dis** 1982 Mar;125(3):304-11

Pretreatment of exercise-induced asthma by fenoterol delivered as inhalation powder and pressurized aerosol. Bundgaard A, et al. **Ann Allergy** 1982 Jan;48(1):36-9

Continuous and intermittent running in the provocation of asthma. Morton AR, et al. **Ann Allergy** 1982 Feb;48(2):123-9

Effect of oral terbutaline on exercise-induced asthma. Sly RM, et al. **Ann Allergy** 1982 Mar;48(3):151-5

Changes in functional residual capacity during exercise in patients with exercise-induced asthma. Kiers A, et al. **Bull Eur Physiopathol Respir** 1981 Nov-Dec;17(6):869-78

Comparison of oral and inhaled metaproterenol for prevention of exercise-induced asthma. König P, et al. **Clin Allergy** 1981 Nov; 11(6):597-604

Effect of nasal and oral breathing on exercise-induced asthma. Mangla PK, et al. **Clin Allergy** 1981 Sep;11(5):433-9

The effect of calcium antagonist, nifedipine in exercise-induced asthma. Patel KR. **Clin Allergy** 1981 Sep;11(5):429–32

Oxatomide and exercise–induced asthma in children: the value of serial exercise tests. Silverman M, et al. **Clin Allergy** 1981 Sep; 11(5):421–8

Prostaglandins in exercise–induced asthma [letter] Souza LM, et al. **Clin Allergy** 1981 Sep;11(5):506–7

Effects of positive end–expiratory pressure breathing on exercise–induced asthma. Wilson BA, et al. **Int J Sports Med** 1981 Feb;2(1):27–30

Changes in angiotensin–converting enzyme activity and angiotensin I level in asthmatic and healthy children after submaximal physical work. Arvay G, et al. **J Allergy Clin Immunol** 1982 Feb;69(2):178–80

A calcium antagonist, nifedipine, modifies exercise–induced asthma. Barnes PJ, et al. **Thorax** 1981 Oct;36(10):726–30

Plasma cyclic nucleotide levels in exercise–induced asthma. Hartley JP, et al. **Thorax** 1981 Nov;36(11):823–7

Reproducibility of flow rates measured with low density gas mixtures in exercise–induced bronchospasm. Spiro SG, et al. **Thorax** 1981 Nov;36(11):852–7

[Exercise–induced bronchospasm and the respiratory response to exercise] Feitová S, et al. **Vnitr Lek** 1981 Dec;27(12):1202–8 (Eng. Abstr.) (Cze)

[Should stable asthma be treated with a nebulizer or spray?] Bundgaard A, et al. **Ugeskr Laeger** 1981 Oct 26; 143(44):2878–80 (Eng. Abstr.) (Dan)

[Drug therapy of exercise–induced asthma] Bundgaard A, et al. **Ugeskr Laeger** 1981 Oct 26;143(44):2876–8 (Eng. Abstr.) (Dan)

[Exercise–induced asthma] Bundgaard A, et al. **Ugeskr Laeger** 1981 Oct 26;143(44):2869–71 (Eng. Abstr.) (Dan)

[Exercise–induced asthma. Physiopathology, examination methods and treatment] Henriksen JM, et al. **Ugeskr Laeger** 1981 Oct 26; 143(44):2872–5 (Eng. Abstr.) (Dan)

[Incidence of exercise induced asthma (EIA) in children (author's transl)] Hofmann D, et al. **Monatsschr Kinderheilkd** 1982 Feb; 130(2):91–5 (Eng. Abstr.) (Ger)

[Practical value of the study of bronchial reactivity in the diagnosis of bronchial asthma and asthma susceptibility in conscripts] Dziedziczko A, et al. **Pol Tyg Lek** 1981 Aug 24; 36(34):1301–4 (Eng. Abstr.) (Pol)

ATHLETIC INJURIES

Ruptured achilles tendons treated surgically under local anaesthesia. Cetti R, et al. **Acta Orthop Scand** 1981 Dec; 52(6):675–7

Long–term results after early treatment of knee injuries. Lysholm J, et al. **Acta Orthop Scand** 1982 Feb;53(1):109–18

Environmental factors in childhood accidents. A prospective study in Göteborg, Sweden. Nathorst Westfelt JA. **Acta Paediatr Scand [Suppl]** 1982;291:1–75

Juvenile retinal detachment. Pan American Association of Ophthalmology and American Journal of Ophthalmology Lecture. Verdaguer J. **Am J Ophthalmol** 1982 Feb; 93(2):145–56

A case of an irregular altitudinal field defect associated with a traumatic choroidal rupture. Jones WL. **Am J Optom Physiol Opt** 1981 Dec;58(12):1134–7

Primary operative treatment of the ruptured lateral ligament of the ankle. Kostiainen S, et al. **Ann Chir Gynaecol** 1981; 70(6):313–5

Operation mouthguard: a model program designed to prevent dental trauma. Blum J, et al. **ASDC J Dent Child** 1982 Jan–Feb; 49(1):22–4

Tennis elbow: incidence in local league players. Carroll R. **Br J Sports Med** 1981 Dec;15(4):250–6

Peroneus longus tenosynovitis. Folan JC. **Br J Sports Med** 1981 Dec;15(4):277–9

Beware the 'simple' fibular fracture (a clue for severe unstable ankle injury. Israeli A, et al. **Br J Sports Med** 1981 Dec; 15(4):269–71

Sports medicine–health care information–supply and demand. Markee KM. **Br J Sports Med** 1981 Dec;15(4):224–8

Exertion injuries in female athletes. Orava S, et al. **Br J Sports Med** 1981 Dec;15(4):229–33

Cholecystoduodenocolic fistula following abdominal trauma. Griffith CD, et al. **Br J Surg** 1982 Feb;69(2):99–100

The jogger's aneurysm: unusual presentation of popliteal artery trauma. Lundell C, et al. **Cardiovasc Intervent Radiol** 1981; 4(4):239–41

Childhood injuries: recognition and prevention. Berger LR. **Curr Probl Pediatr** 1981 Nov;12(1):1–59

The value of arthrography and arthroscopy in association with a sports injuries clinic: a prospective and comparative study of 182 patients. Crabtree SD, et al. **Injury** 1981 Nov;13(3):220–6

International conference on sports medicine 1981. 'Muscle in sports medicine.' Utrecht, The Netherlands, March 23–26, 1981. Abstracts. **Int J Sports Med** 1981 Aug;2(3):182–99

Rehabilitation of muscle function after sport injury – major problem in sports medicine. Eriksson E. **Int J Sports Med** 1981 Feb; 2(1):1–6

Cervical spine injuries in rugby football. O'Carroll PF, et al. **Ir Med J** 1981 Dec;74(12):377–9

A ruptured spleen due to body surfing. Buchta RM. **J Adolesc Health Care** 1981 Jun;1(4):317–8

Statistical interpretation in podiatry. Block BH, et al. **J Am Podiatry Assoc** 1981 Dec;71(12):671–8

The pes anserinus transfer. A long–term follow–up. Chick RP, et al. **J Bone Joint Surg [Am]** 1981 Dec;63–A(9):1449–52

A statistical study of Knee injuries due to football in high–school athletes. Pritchett JW. **J Bone Joint Surg [Am]** 1982 Feb; 64(2):240–2

Subacromial bursography. An anatomical and clinical study. Strizak AM, et al. **J Bone Joint Surg [Am]** 1982 Feb; 64(2):196–201

Posttraumatic recurrent subluxation of the extensor carpi ulnaris tendon. Burkhart SS, et al. **J Hand Surg** 1982 Jan;7(1):1–3

Displaced intra–articular osteochondral fracture—cause for irreducible dislocation of the distal interphalangeal joint. Stripling WD. **J Hand Surg** 1982 Jan;7(1):77–8

Post–traumatic pulmonary accumulation of Tc–99m sulfur colloid. Johnson RA, et al. **J Nucl Med** 1982 Feb;23(2):147–8

Tibial tuberosity avulsion fracture in adolescents. Christie MJ, et al. **J Pediatr Orthop** 1981;1(4):391–4

Sports trauma management and the high school nurse. Carey RJ, et al. **J Sch Health** 1982 Mar;52(3):156–8

Traumatic closed femoral nerve neuropathy. Brozin IH, et al. **J Trauma** 1982 Feb;22(2):158–60

Judo nephropathy: trauma versus non–trauma. De Meersman RE, et al. **J Trauma** 1982 Feb;22(2):150–2

Stress fractures in runners. Daffner RH, et al. **JAMA** 1982 Feb 19;247(7):1039–41

Ankle sprain surgery a winner for athletes [news] Macek C. **JAMA** 1982 Mar 19;247(11):1545

Incomplete tears of the anterior cruciate ligament and knee locking. Monaco BR, et al. **JAMA** 1982 Mar 19;247(11):1582–4

Common ski injuries. Rourke KE. **JEN** 1981 Nov–Dec; 7(6):245–9

How dangerous are ski marathons? [letter] Hoffmann A, et al. **Lancet** 1982 Jan 23;1(8265):232

The sports medicine patient. Garrick JG. **Nurs Clin North Am** 1981 Dec;16(4):759–66

Rugby injury survey 1979. Inglis GS, et al. **NZ Med J** 1981 Nov 11;94(695):349–50

Casualty attendances: one year's experience at Waikato Hospital. McRae S, et al. **NZ Med J** 1982 Jan 13;95(699):12–4

Rugby injuries [letter] Rainey HB. **NZ Med J** 1982 Jan 13; 95(699):22–3

Sports medicine (2). Common medical problems in sub–aqua sport. Betts J. **Practitioner** 1981 Aug;225(1358):1169–74

Sports medicine (2). Medical problems of long–distance swimming. Mason KD. **Practitioner** 1981 Aug;225(1358):1165–8

Fenbufen in the treatment of over–use injuries in long–distance runners [letter] Noakes TD. **S Afr Med J** 1982 Feb 27; 61(9):301

The 'mechanical bull' thumb. Ginthner TP, et al. **Skeletal Radiol** 1981;7(2):131–3

A risk of waterskiing for women [letter] Gray HH. **West J Med** 1982 Feb;136(2):169

[Diagnosis and treatment of the so–called plica syndrome of the knee joint (author's transl)] Dufek P, et al. **Acta Chir Orthop Traumatol Cech** 1981;48(6):517–21 (Eng. Abstr.) (Cze)

[Severe neurologic damage caused by trampoline jumps] Hammer A, et al. **Ugeskr Laeger** 1981 Nov 2;143(45):2970–4 (Eng. Abstr.) (Dan)

[Goal posts as the cause of serious cranial lesions] Siemssen SJ, et al. **Ugeskr Laeger** 1981 Dec 21;143(52):3558 (Eng. Abstr.) (Dan)

[Paralysis in bicyclists] Falck B, et al. **Duodecim** 1982; 98(1):44–8 (Eng. Abstr.) (Fin)

[On sport accidents at school (author's transl)] Jeanneret O. **Arch Fr Pediatr** 1981 Dec;38(10):791–6 (Eng. Abstr.) (Fre)

[Incidence of previous engagement in sports among patients with symptomatic arthrosis. Controlled study] Boyer T, et al. **Rev Rhum Mal Osteoartic** 1981 Dec;48(12):793–7 (Eng. Abstr.) (Fre)

[Accidents related to physical education in school: epidemiologic and preventive approach] Jeanneret O, et al. **Soz Praventivmed** 1981 Dec;26(6):377–83 (Eng. Abstr.) (Fre)

[Wrist injuries in winter sports] Fernandez DL, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):121–8 (Eng. Abstr.) (Ger)

[Winter sport injuries of the hand] Gerber C, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):129–36 (Eng. Abstr.)(Ger)

[Fatal cranio–cerebral injuries caused by skiing accidents and their prevention] Oh SY, et al. **Schweiz Z Sportmed** 1981 Dec; 29(4):137–41 (Eng. Abstr.) (Ger)

[Skiing accidents in children] Schwarzenbach M, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):116–20 (Eng. Abstr.)(Ger)

[Pattern of alpine ski accidents] Spinas GA, et al.

PHYSICAL FITNESS/SPORTS MEDICINE

ATHLETIC INJURIES

Schweiz Z Sportmed 1981 Dec;29(4):109–15 (Eng. Abstr.)(Ger)

[Non-occupational accidents in Switzerland] Huguenin RD. **Soz Praventivmed** 1981 Dec;26(6):366–70 (Eng. Abstr.) (Ger)

[An unusual case of post-traumatic degeneration of the anterior tibial muscle] Bardelli M, et al. **Arch Putti Chir Organi Mov** 1980;30:403–11 (Eng. Abstr.) (Ita)

[Intramural duodenal hematoma of traumatic origin: diagnosis and therapeutic options] Artigas Raventos V, et al. **Rev Esp Enferm Apar Dig** 1981 Sep;60(3):293–8 (Eng. Abstr.) (Spa)

[Acute pelvic osteomyelitis caused by Staphylococcus aureus in handball and soccer players] Hedström SA, et al. **Lakartidningen** 1981 Oct 7;78(41):3601–2 (Eng. Abstr.) (Swe)

[Injuries in women's soccer. The ankle joint and the knees are the weak points in the female players] Lewerentz H. **Lakartidningen** 1981 Dec 2;78(49):4448–50 (Eng. Abstr.) (Swe)

[Ankle joint fractures as athletic injuries] Lindsjö U. **Lakartidningen** 1981 Aug 19;78(34):2855–7 (Eng. Abstr.) (Swe)

[Chronic pain in the Achilles tendon among athletes] Sanzén L, et al. **Lakartidningen** 1981 Aug 19;78(34):2852–4 (Eng. Abstr.) (Swe)

[Simple plastic surgery of inveterate ligament injuries in the ankle joint] Weber BG. **Lakartidningen** 1981 Aug 19;78(34):2857–61 (Eng. Abstr.) (Swe)

ATROPINE

Interrelation of heart rate and autonomic activity in asymptomatic men with unobstructed coronary arteries. Studies with atrial pacing, adrenaline infusion, and autonomic blockade. Taggart P, et al. **Br Heart J** 1982 Jan;47(1):19–25

Autonomic control of the immediate heart rate response to lying down. Bellavere F, et al. **Clin Sci** 1982 Jan;62(1):57–64

Vagal and sympathetic contributions to the heart rate at rest and during isometric and dynamic exercise in young healthy men. Nyberg G. **J Cardiovasc Pharmacol** 1981 Nov-Dec;3(6):1243–50

ATTITUDE TO HEALTH

Patient reaction to the Singapore General Hospital cardiac rehabilitation programme. Sabapathy FR. **Singapore Med J** 1981 Aug;22(4):236–8

AURICULAR FIBRILLATION

Clinical use of oral verapamil in chronic and paroxysmal atrial fibrillation. Stern EH, et al. **Chest** 1982 Mar;81(3):308–11

BASAL METABOLISM

[Energy expenditure of young athletes during certain functional states and muscle activity] Filippov MM, et al. **Gig Sanit** 1982;(1):23–5 (Eng. Abstr.) (Rus)

BASEBALL

Physiological profiles of representative women softball, hockey and netball players. Withers RT, et al. **Ergonomics** 1981 Aug;24(8):583–91

Post-traumatic pulmonary accumulation of Tc-99m sulfur colloid. Johnson RA, et al. **J Nucl Med** 1982 Feb;23(2):147–8

BIOMECHANICS

The importance of controlled passive mobilization on flexor tendon healing. A biomechanical study. Woo SL, et al. **Acta Orthop Scand** 1981 Dec;52(6):615–22

Sarcomere length control in striated muscle. van Heuningen R, et al. **Am J Physiol** 1982 Mar;242(3):H411–20

Biomechanical analysis of forces acting about the canine hip. Arnoczky SP, et al. [illegible] **J Vet Res** 1981 Sep;42(9):1581–5

Resetting of tremor by mechanical perturbations: a comparison of essential tremor and parkinsonian tremor. Lee RG, et al. **Ann Neurol** 1981 Dec;10(6):523–31

Afferent and efferent components of joint position sense; interpretation of kinaesthetic illusion. Feldman AG, et al. **Biol Cybern** 1982;42(3):205–14

Hydromechanics and biology. Nachtigall W. **Biophys Struct Mech** 1981;8(1-2):1–22

Cardiac energetics in short and long term hypertrophy induced by aortic coarctation. Coughlin P, et al. **Cardiovasc Res** 1981 Nov;15(11):623–31

Mechanical energy output and joint movements in sprint running. Fukunaga T, et al. **Ergonomics** 1981 Oct;24(10):765–72

Naturally preferred directions for the exertion of maximal manual forces. Grieve DW, et al. **Ergonomics** 1981 Sep;24(9):685–93

Work load and fatigue in repetitive arm elevations. Hagberg M. **Ergonomics** 1981 Jul;24(7):543–55

Stabilization of human posture during induced oscillations of the body. Diener HC, et al. **Exp Brain Res** 1982;45(1-2):126–32

A new type of dynamograph for measuring muscular strain. Mitrev N, et al. **Folia Med (Plovdiv)** 1981;23(1):54–8

Evaluation of maximal and submaximal static muscle exertions. Kroemer KH, et al. **Hum Factors** 1981 Dec;23(6):643–53

Respiratory mechanics in supine subjects during progressive partial curarization. Gal TJ, et al. **J Appl Physiol** 1982 Jan;52(1):57–63

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep;51(3):557–64

Muscles across the elbow joint: a biomechanical analysis. An KN, et al. **J Biomech** 1981;14(10):659–69

A physiologically based criterion of muscle force prediction in locomotion. Crowninshield RD, et al. **J Biomech** 1981;14(11):793–801

Measurement of pedal loading in bicycling: II. Analysis and results. Davis RR, et al. **J Biomech** 1981;14(12):857–72

A three-dimensional biomechanical model of hip musculature. Dostal WF, et al. **J Biomech** 1981;14(11):803–12

EMG to force processing I: An electrical analogue of the Hill muscle model. Hof AL, et al. **J Biomech** 1981;14(11):747–58

EMG to force processing III: Estimation of model parameters for the human triceps surae muscle and assessment of the accuracy by means of a torque plate. Hof AL, et al. **J Biomech** 1981;14(11):771–85

EMG to force processing IV: Eccentric-concentric contractions on a spring-flywheel set up. Hof AL, et al. **J Biomech** 1981;14(11):787–92

EMG to force processing II: Estimation of parameters of the Hill muscle model for the human triceps surae by means of a calfergometer. Hof AL, et al. **J Biomech** 1981;14(11):759–70

Measurement of pedal loading in bicycling: I. Instrumentation. Hull ML, et al. **J Biomech** 1981;14(12):843–56

In vivo rotatory knee stability. Ligamentous and muscular contributions. Shoemaker SC, et al. **J Bone Joint Surg [Am]** 1982 Feb;64(2):208–16

Effects of membrane potential on mechanical activation in skeletal muscle. Dulhunty AF. **J Gen Physiol** 1982 Feb;79(2):233–51

The effect of elbow angle on the isometric strength and endurance of the elbow flexors in men and women. Petrofsky JS, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):125–31

Motor organization of Tritonia swimming. III. Contribution of intrinsic membrane properties to flexion neuron burst formation. Hume RI, et al. **J Neurophysiol** 1982 Jan;47(1):91–102

Load compensating responses of human abdominal muscles. Lansing RW, et al. **J Physiol (Lond)** 1981 Nov;320:253–68

Effect of dietary thiamine on intermolecular collagen cross-linking during wound repair: a mechanical and biochemical assessment. Alvarez OM, et al. **J Trauma** 1982 Jan;22(1):20–4

Postural substitution in Duchenne's muscular dystrophy [letter] Siegel IM, et al. **JAMA** 1982 Feb 5;247(5):584

The stress-strain relationship of the diastolic cardiac muscle and left ventricular compliance in the pressure-overload canine heart. Nakamura T, et al. **Jpn Circ J** 1982 Jan;46(1):76–83

Simple digital instrument for time measurement in muscle mechanics. Burke DJ, et al. **Med Biol Eng Comput** 1981 Nov;19(6):786–8

A kinetic analysis of sprinting. Mann RV. **Med Sci Sports Exerc** 1981;13(5):325–8

Energetics of isometric contraction in dystrophic fast and slow muscles. Nwoye LO, et al. **Muscle Nerve** 1982 Jan;5(1):69–72

Mechanical properties of the isolated inferior oblique muscle of the rabbit. Asmussen G, et al. **Pflugers Arch** 1981 Dec;392(2):183–90

Changes in mechanical properties of the inferior oblique muscle of the rabbit after denervation. Asmussen G, et al. **Pflugers Arch** 1981 Dec;392(2):198–205

Deglutition. Miller AJ. **Physiol Rev** 1982 Jan;62(1):129–84 (401 ref.)

The use of capacitive touch sensors for temporal measurements. McIntyre DR, et al. **Res Q Exerc Sport** 1981 Dec;52(4):512–7

[Functional value of the pisiform bone in the grasping mechanism] Laude MM. **Bull Acad Natl Med (Paris)** 1981 Apr;165(4):479–83 (Eng. Abstr.) (Fre)

[Structuro-functional organization of the microcirculatory bed of the skeletal muscles] Kozlov VI, et al. **Arkh Anat Gistol Embriol** 1982 Jan;82(1):7–21 (Eng. Abstr.) (Rus)

BLOOD GAS ANALYSIS

Central and peripheral adaptations of the gas transport system to one-leg training. Thomas SG, et al. **Can J Physiol Pharmacol** 1981 Nov;59(11):1146–54

Calculation of submaximal and maximal cardiac output in children using the CO2 rebreathing technique. Sady SP, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):245–52

PHYSICAL FITNESS/SPORTS MEDICINE

BLOOD PRESSURE

Investigation of the mechanisms and consequences of transient myocardial ischaemia. Allan RM, et al. **Acta Med Scand [Suppl]** 1981;651:133–8

The multifactorial approach to myocardial salvage. The experience from diving seals. Kjekshus JK, et al. **Acta Med Scand [Suppl]** 1981;651:49–57

Effect of timolol on platelet aggregation in coronary heart disease. Thaulow E, et al. **Acta Med Scand [Suppl]** 1981;651:101–9

Treatment of obese schoolchildren with special reference to the mode of therapy, cardiorespiratory performance and the carbohydrate and lipid metabolism. Ylitalo V. **Acta Paediatr Scand [Suppl]** 1981;290:1–108

Social network analysis and coronary heart disease. Berkman LF. **Adv Cardiol** 1982;29:37–49

Reduction of submaximal exercise myocardial oxygen demand post-walk training program in coronary patients due to improved physical work efficiency. Dressendorfer RH, et al. **Am Heart J** 1982 Mar;103(3):358–62

Radionuclide angiographic exercise left ventricular performance in chronic aortic regurgitation: relationship to resting echographic ventricular dimensions and systolic wall stress index. Lewis SM, et al. **Am Heart J** 1982 Apr;103(4 Pt 1):498–504

Comparative analysis of physiologic responses to three different maximal graded exercise test protocols in healthy women. Pollock ML, et al. **Am Heart J** 1982 Mar;103(3):363–73

Efficacy of diltiazem in angina on effort: a multicenter trial. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):567–72

Divergent effects of diltiazem in patients with exertional angina. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):538–46

Combined acebutolol/nifedipine therapy in patients with chronic coronary artery disease: additional improvement of ischemia-induced left ventricular dysfunction. Pfisterer M, et al. **Am J Cardiol** 1982 Apr 1;49(5):1259–66

Long-term efficacy of diltiazem in chronic stable angina associated with atherosclerosis: effect on treadmill exercise. Pool PE, et al. **Am J Cardiol** 1982 Feb 18;49(3):573–7

Safety and efficacy of diltiazem hydrochloride for the treatment of stable angina pectoris: report of a cooperative clinical trial. Strauss WE, et al. **Am J Cardiol** 1982 Feb 18;49(3):560–6

Myocardial blood flow and metabolism in the diving seal. Kjekshus JK, et al. **Am J Physiol** 1982 Jan;242(1):R97–104

Maintained ability of carotid baroreflex to regulate arterial pressure during exercise. Melcher A, et al. **Am J Physiol** 1981 Dec; 241(6):H838–49

Catecholamine release and blood pressure changes induced by exercise in dogfish. Opdyke DF, et al. **Am J Physiol** 1982 Mar; 242(3):R306–10

Effect of oral terbutaline on exercise-induced asthma. Sly RM, et al. **Ann Allergy** 1982 Mar;48(3):151–5

Pre- and post-adolescents' physiological response to exercise. Bale P. **Br J Sports Med** 1981 Dec;15(4):246–9

Plasma cyclic-AMP and cyclic-GMP response levels in diabetes mellitus subjected to Cooper's aerobic programmed treadmill test. Kawasaki T, et al. **Bull Osaka Med Sch** 1980 Oct; 26(2):88–100

Predictive value of symptom-limited exercise testing for life expectancy in inoperable coronary patients with disabling angina. Broustet JP, et al. **Cardiology** 1981;68 Suppl 2:114–23

Evaluation of antianginal drug treatment by precordial exercise electrocardiography. Cokkinos DV, et al. **Cardiology** 1981; 68 Suppl 2:141–6

Clinical implications of the blood pressure response to exercise. Comess KA, et al. **Cardiology** 1981;68(4):233–44 (26 ref.)

Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. Deanfield J, et al. **Cardiology** 1981; 68 Suppl 2:186–9

Exercise testing in patients with valve replacement. Kraus F, et al. **Cardiology** 1981;68 Suppl 2:91–8

Evaluation of effect of drugs on the exercise ECG. Sanchez-Cascos A. **Cardiology** 1981;68 Suppl 2:190–4

Antianginal effect of nifedipine after intracoronary and intravenous administration judged by reduction of ischemic ST-segment depression in exercise tests. Schulz W, et al. **Cardiology** 1981; 68 Suppl 2:200–8

Nine years' follow-up of a maximal exercise test in a random population sample of middle-aged men. Wilhelmsen L, et al. **Cardiology** 1981;68 Suppl 2:1–8

Clinical use of oral verapamil in chronic and paroxysmal atrial fibrillation. Stern EH, et al. **Chest** 1982 Mar;81(3):308–11

Work as a correlate of canine left ventricular oxygen consumption, and the problem of catecholamine oxygen wasting. Rooke GA, et al. **Circ Res** 1982 Feb;50(2):273–86

Left ventricular function in trained and untrained healthy subjects. Bar-Shlomo BZ, et al. **Circulation** 1982 Mar;65(3):484–8

Comparative value of the cold-pressor test and supine bicycle exercise to detect subjects with coronary artery disease using radionuclide ventriculography. Manyari DE, et al. **Circulation** 1982 Mar;65(3):571–9

Reversal of exercise-induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. Sarma RJ, et al. **Circulation** 1982 Apr;65(4):684–9

Hemodynamic correlates of autonomic reflexes in patients with labile and fixed hypertension. Chrysant SG, et al. **Clin Exp Hypertens** 1981;3(6):1109–19

Hemodynamic effects of N-acetylprocainamide in heart disease. Crawford MH, et al. **Clin Pharmacol Ther** 1982 Apr; 31(4):459–65

The effect of captopril on catecholamines, renin activity, angiotensin II and aldosterone in plasma during physical exercise in hypertensive patients. Manhem P, et al. **Eur J Clin Invest** 1981 Oct;11(5):389–95

Responsiveness of the renin-aldosterone system during exercise in young patients with essential hypertension. Pedersen EB, et al. **Eur J Clin Invest** 1981 Oct;11(5):403–8

Response of blood pressure and plasma norepinephrine to propranolol, metoprolol and clonidine during isometric and dynamic exercise in hypertensive patients. Virtanen K, et al. **Eur J Clin Pharmacol** 1982;21(4):275–9

Effects of beta-adrenergic blockade on endurance and short-time performance in respect to individual muscle fiber composition. Kaiser P, et al. **Int J Sports Med** 1981 Feb;2(1):37–42

A physiological comparison of young and older endurance athletes. Heath GW, et al. **J Appl Physiol** 1981 Sep;51(3):634–40

Orthostatic fluid-electrolyte and endocrine responses in fainters and nonfainters. Shvartz E, et al. **J Appl Physiol** 1981 Dec; 51(6):1404–10

Vagal and sympathetic contributions to the heart rate at rest and during isometric and dynamic exercise in young healthy men. Nyberg G. **J Cardiovasc Pharmacol** 1981 Nov–Dec; 3(6):1243–50

Low renin-aldosterone in 'prehypertensive' young adults. Kotchen TA, et al. **J Clin Endocrinol Metab** 1982 Apr;54(4):808–14

Effects of bromocriptine on renin, aldosterone, and prolactin responses to posture and metoclopramide in idiopathic edema: possible therapeutic approach. Sowers J, et al. **J Clin Endocrinol Metab** 1982 Mar;54(3):510–6

Selected cardiac and metabolic responses to pseudoephedrine with exercise. Bright TP, et al. **J Clin Pharmacol** 1981 Nov–Dec; 21(11–12 Pt 1):488–92

Circulatory effects in healthy young men of atrial pacing at rest and during isometric handgrip. Bergenwald L, et al. **J Physiol (Lond)** 1981 Sep;318:445–53

Biological and haematological modifications after two years of physical activity in middle-aged men. Attinà DA, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):253–8

Blood pressure during normal daily activities, sleep, and exercise. Comparison of values in normal and hypertensive subjects. Pickering TG, et al. **JAMA** 1982 Feb 19;247(7):992–6

The stress-strain relationship of the diastolic cardiac muscle and left ventricular compliance in the pressure-overload canine heart. Nakamura T, et al. **Jpn Circ J** 1982 Jan;46(1):76–83

Cardiac dimensions and performance after either arm or leg endurance training. Thompson PD, et al. **Med Sci Sports Exerc** 1981;13(5):303–9

Acute negative inotropic effect of adriamycin (doxorubicin). Höfling B, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Nov;317(3):252–6

Failure of anti-hypertensive drugs to control blood pressure rise with isometric exercise in hypertension. O'Hare JA, et al. **Postgrad Med J** 1981 Sep;57(671):552–5

Effectiveness of long-term vasodilator administration in the treatment of chronic left ventricular failure. Franciosa JA. **Prog Cardiovasc Dis** 1982 Jan–Feb;24(4):319–30 (90 ref.)

[Blood pressure during isometric exercise (author's transl)] Dvořák I, et al. **Cas Lek Cesk** 1981;120(52):1599–1601 (Eng. Abstr.) **(Cze)**

[Physical fitness among the industrial population of middle-aged men with risk factors of ischaemic heart disease (author's transl)] Simon J, et al. **Cas Lek Cesk** 1981 Nov 19;120(46):1398–1401 (Eng. Abstr.) **(Cze)**

[Principles of ergometry. – Part II: criteria for assessment of the exercise test. Criteria for interpretation (author's transl)] Niederberger M. **Herz** 1982 Feb;7(1):20–8 (114 ref.) (Eng. Abstr.) **(Ger)**

[Principles of ergometry. Part I. Physiologic basis and methodology] Niederberger M. **Herz** 1982 Feb;7(1):1–19 (Eng. Abstr.) **(Ger)**

[Bicycle ergometric examinations and pulmonary function analyses after patch aortoplasty of coarctation of the aorta in children (author's transl)] Madu B, et al. **Z Kardiol** 1982 Jan; 71(1):44–9 (Eng. Abstr.) **(Ger)**

[Echocardiographic study of left ventricular performance during sitting bicycle exercise (author's transl)] Corallo S, et al. **G Ital Cardiol** 1981;11(8):1072–82 (Eng. Abstr.) **(Ita)**

[Exercise test in 100 healthy children between 5 and 12 years of age (author's transl)] Pirelli S, et al. **G Ital Cardiol** 1981; 11(6):719–23 (Eng. Abstr.) **(Ita)**

PHYSICAL FITNESS/SPORTS MEDICINE

BLOOD PRESSURE

[Effects and dangers of hyperventilation] Odaglia G. **Minerva Med** 1981 Dec 30;72(52):3579–87 (Eng. Abstr.) (Ita)

[Hemodynamic responses to supine bicycle exercise in juvenile hypertensive subjects: an echocardiographic assessment (author's transl)] Imataka K, et al. **J Cardiogr** 1981 Jun;11(2):449–56 (Eng. Abstr.) (Jpn)

[Changes of effort capacity in women professionally working in conditions of varying energetic expenses (author's transl)] Drewczyński A. **Przegl Lek** 1981;38(9):685–8 (Eng. Abstr.) (Pol)

[Action of verapamil as a hypotensive agent – analysis of the arterial pressure curve in the cycloergometric test] Candau LA, et al. **Arq Bras Cardiol** 1981 Mar;36 Suppl 1:18–23 (Eng. Abstr.) (Por)

[Behavior of the blood pressure curve during the ergometric stress test, in treated and non-treated hypertensive patients] Carrasco RM, et al. **Arq Bras Cardiol** 1981 Mar;36 Suppl 1:24–32 (Eng. Abstr.) (Por)

[Comparative evaluation of pressure chamber training and high altitude adaptation to hypoxia in humans] Katkov AIu, et al. **Kosm Biol Aviakosm Med** 1982 Jan–Feb;16(1):74–7 (Eng. Abstr.) (Rus)

[Effect of exercise on the level of cyclic adenosine monophosphate in patients with different variants of neurocirculatory dystonia] Makoeva LD, et al. **Ter Arkh** 1981;53(12):34–7 (Eng. Abstr.) (Rus)

[The exercise test in the evaluation of the hypertension reaction] Topalov V, et al. **Med Pregl** 1981;34(7–8):311–5 (Eng. Abstr.) (Scr)

[Cardiac Rehabilitation (author's transl)] Román O. **Rev Med Chil** 1981 May;109(5):453–8 (Eng. Abstr.) (Spa)

BLOOD PRESSURE DETERMINATION

Clinical implications of the blood pressure response to exercise. Comess KA, et al. **Cardiology** 1981;68(4):233–44 (26 ref.)

The child with heart disease: play, recreation, and sports. Strong WB, et al. **Curr Probl Cardiol** 1981 Nov;6(8):1–38

Blood pressure during normal daily activities, sleep, and exercise. Comparison of values in normal and hypertensive subjects. Pickering TG, et al. **JAMA** 1982 Feb 19;247(7):992–6

BODY COMPOSITION

Effect of swim training on development of obesity in the genetically obese rat. Walberg JL, et al. **Am J Physiol** 1982 Mar; 242(3):R204–11

Body density differences between Negro and Caucasian professional football players. Adams J, et al. **Br J Sports Med** 1981 Dec;15(4):257–60

Spirometric predicted values for teenage boys: relation to body composition and exercise performance. Palka MJ. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):59–64

Daily energy expenditure of young boys as related to maximal aerobic power. Cunningham DA, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):207–11

Pathophysiology of cancer cachexia: current understanding and areas for future research. DeWys WD. **Cancer Res** 1982; 42(2 Suppl):721s–726s

A comparison of plasma cholesterol, triglycerides, and high density lipoprotein-cholesterol in speed skaters, weightlifters and non-athletes. Farrell PA, et al. **Eur J Applied Physiol** 1982; 48(1):77–82

Prolactin responses, menstrual cycles, and body composition of women runners. Boyden TW, et al. **J Clin Endocrinol Metab** 1982 Apr;54(4):711–4

Selected fitness parameters of college female lacrosse players. Schmidt MN, et al. **J Sports Med Phys Fitness** 1981 Sep; 21(3):282–90

The effects of aerobic dance conditioning on the body composition and maximal oxygen uptake of college women. Vaccaro P, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):291–4

What do we know about the effects of sports training on the menstrual cycle? Macvicar MG, et al. **MCN** 1982 Jan–Feb; 7(1):55–8

The effect of an acute bout of exercise on selected pulmonary function measurements. Buono MJ, et al. **Med Sci Sports Exerc** 1981;13(5):290–3

Body composition and somatotype characteristics of junior Olympic athletes. Thorland WG, et al. **Med Sci Sports Exerc** 1981;13(5):332–8

Comparison of serum lipids between habitually high and low active pre-adolescent males. Thorland WG, et al. **Med Sci Sports Exerc** 1981;13(5):316–21

The effects of circuit weight training on VO2max and body composition of trained and untrained college men. Kimura Y, et al. **Nippon Seirigaku Zasshi** 1981;43(12):593–6

Body composition in adolescence. Forbes GB. **Prog Clin Biol Res** 1981;61:55–72 (32 ref.)

Physiological correlates of female road racing performance. Conley DL, et al. **Res Q Exerc Sport** 1981 Dec;52(4):441–8

Erythrocyte changes during training in high school women cross-country runners. Puhl JL, et al. **Res Q Exerc Sport** 1981 Dec;52(4):484–94

The biochemical basis of obesity. Rath EA. **Sci Prog** 1981 Autumn; 67(267):357–76 (110 ref.)

BODY CONSTITUTION

Aerobic capacity and habitual physical activity in three groups of apparently healthy Malay males. Shahabudin SH. **Med J Malaysia** 1981 Mar;36(1):47–51

[Paramorphism and the sport of volley ball] Fraccaroli G. **Minerva Med** 1981 Dec 22;72(51):3551–4 (Eng. Abstr.) (Ita)

BODY HEIGHT

Plethysmography study and pulmonary function in well-trained adolescents. de Swiniarski R, et al. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):39–49

Spirometric predicted values for teenage boys: relation to body composition and exercise performance. Palka MJ. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):59–64

Cortical bone, body size, and skeletal maturity in ice hockey players 10 to 12 years of age. Meleski BW, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):212–7

Factors affecting the heart rate during self-paced walking. Bassey EJ, et al. **Eur J Applied Physiol** 1982;48(1):105–15

Body composition in adolescence. Forbes GB. **Prog Clin Biol Res** 1981;61:55–72 (32 ref.)

[Ergometry in childhood. Normal values and use in paediatric cardiology (author's transl)] Mocellin R. **Herz** 1982 Feb; 7(1):42–9 (28 ref.) (Eng. Abstr.) (Ger)

BODY TEMPERATURE

Exercise heart rate response to facial cooling. Riggs CE Jr, et al. **Eur J Applied Physiol** 1981;47(4):323–30

Effects of L-aspartic acid, L-asparagine and/or L-asparaginase on forced swimming-induced immobility, analgesia, and decrease in rectal temperature in rats. Koyuncuoğlu H, et al. **Experientia** 1982 Jan 15;38(1):117–8

Physiologic response to endurance work as a function of prior exercise. Gutin B, et al. **Int J Sports Med** 1981 May; 2(2):87–91

Effect of physical training on exercise-induced sweating in women. Araki T, et al. **J Appl Physiol** 1981 Dec;51(6):1526–32

Effect of an exercise run to exhaustion on cAMP in the rat heart. Goldfarb AH, et al. **J Appl Physiol** 1981 Dec;51(6):1539–42

Load-carrying effects on the adult beagle tibia. Martin RK, et al. **Med Sci Sports Exerc** 1981;13(5):343–9

[Effects of correction of eating behavior and metabolic consumption on diarrhea, subcutaneous tissue, growth and hemoglobin in 18 children with aspecific chronic diarrhea] Ciampolini M, et al. **Minerva Pediatr** 1981 Nov 30; 33(22):1081–7 (Eng. Abstr.) (Ita)

BODY TEMPERATURE REGULATION

A thermophysiological rationale for endurance training for racquet activities. Hancock PA. **Br J Sports Med** 1981 Dec; 15(4):234–7

Behavioral effects of early deprivation of nerve growth factor: some similarities with familial dysautonomia. Bell J, et al. **Brain Res** 1982 Feb 25;234(2):409–21

Heat, mechanics, and myosin ATPase in normal and hypertrophied heart muscle. Alpert NR, et al. **Fed Proc** 1982 Feb; 41(2):192–8

Energetics of mammalian fast and slow twitch muscles. Barclay JK. **Fed Proc** 1982 Feb;41(2):189–91

Isolated while heart calorimetry: energetics of length-dependent activation. Coulson RL. **Fed Proc** 1982 Feb;41(2):199–203

Energetic patterns of normally circulated mammalian muscle in situ. Stainsby WN. **Fed Proc** 1982 Feb;41(2):185–8

Effect of blood volume on sweating rate and body fluids in exercising humans. Fortney SM, et al. **J Appl Physiol** 1981 Dec; 51(6):1594–600

A refrigerated treadmill apparatus for exercising dogs. Stavert DM, et al. **J Appl Physiol** 1982 Feb;52(2):495–9

Enhancement of calorigenic response to cold and to norepinephrine in physically trained rats. Hirata K, et al. **Jpn J Physiol** 1981; 31(5):557–65

The biochemical basis of obesity. Rath EA. **Sci Prog** 1981 Autumn; 67(267):357–76 (110 ref.)

BODY WEIGHT

A school-based behavior modification, nutrition education, and physical activity program for obese children. Brownell KD, et al. **Am J Clin Nutr** 1982 Feb;35(2):277–83

PHYSICAL FITNESS/SPORTS MEDICINE

Autoregulatory homestatic nature of energy balance. Sukhatme PV, et al. **Am J Clin Nutr** 1982 Feb;35(2):355–65
Effect of swim training on development of obesity in the genetically obese rat. Walberg JL, et al. **Am J Physiol** 1982 Mar; 242(3):R204–11
Physical activity and inactivity influences on 14C-leucine incorporation in reinnervated rat gastrocnemius. Jaweed MM, et al. **Arch Phys Med Rehabil** 1982 Jan;63(1):28–31
Pre- and post-adolescents' physiological response to exercise. Bale P. **Br J Sports Med** 1981 Dec;15(4):246–9
Maximal anaerobic power in national level Indian players. Bhanot JL, et al. **Br J Sports Med** 1981 Dec;15(4):265–8
Daily energy expenditure of young boys as related to maximal aerobic power. Cunningham DA, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):207–11
Cortical bone, body size, and skeletal maturity in ice hockey players 10 to 12 years of age. Meleski BW, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):212–7
Pathophysiology of cancer cachexia: current understanding and areas for future research. DeWys WD. **Cancer Res** 1982; 42(2 Suppl):721s–726s
Skeletal muscle fibre types and sizes in anorexia nervosa patients. Essén B, et al. **Clin Physiol** 1981 Aug;1(4):395–403
Nutrition and the respiratory system. Askanazi J, et al. **Crit Care Med** 1982 Mar;10(3):163–72 (124 ref.)
Factors affecting the heart rate during self-paced walking. Bassey EJ, et al. **Eur J Applied Physiol** 1982;48(1):105–15
Isokinetic strength, endurance, and fiber type composition in elite American paddlers. Clarkson PM, et al. **Eur J Applied Physiol** 1982;48(1):67–76
Vascular volume changes during cycling and stepping in women at two hydration levels. Gaebelein CJ, et al. **Eur J Applied Physiol** 1982;48(1):1–10
Chronic exercise and cardiac vascularization. Tharp GD, et al. **Eur J Applied Physiol** 1982;48(1):97–104
Norepinephrine mobilization of free fatty acids in endurance trained rats. Thibault MC, et al. **Eur J Applied Physiol** 1981; 47(4):313–22
Evaluation of a slimming group. Pettigrew P, et al. **Health Visit** 1982 Feb;55(2):79–80
Age differences in some physiological functions during heavy physical work. Solonin YuG, et al. **Hum Physiol** 1981 Mar–Apr; 7(2):92–8
Assessment and conservative management of the overfat adolescent. Carruth BR, et al. **J Adolesc Health Care** 1981 Jun; 1(4):289–99
Adaptation of fat cells to exercise: response of glucose uptake and oxidation to insulin. Craig BW, et al. **J Appl Physiol** 1981 Dec; 51(6):1500–6
Effect of an exercise run to exhaustion on cAMP in the rat heart. Goldfarb AH, et al. **J Appl Physiol** 1981 Dec;51(6):1539–42
Erythrocyte indices during a competitive marathon. Kolka MA, et al. **J Appl Physiol** 1982 Jan;52(1):168–72
Functional significance of compensatory overloaded rat fast muscle. Roy RR, et al. **J Appl Physiol** 1982 Feb;52(2):473–8
Prolactin responses, menstrual cycles, and body composition of women runners. Boyden TW, et al. **J Clin Endocrinol Metab** 1982 Apr;54(4):711–4
Effects of bromocriptine on renin, aldosterone, and prolactin responses to posture and metoclopramide in idiopathic edema: possible therapeutic approach. Sowers J, et al. **J Clin Endocrinol Metab** 1982 Mar;54(3):510–6
Neonatal Frontal Lesions in the rat: sparing of learned but not species-typical behavior in the presence of reduced brain weight and cortical thickness. Kolb B, et al. **J Comp Physiol Psychol** 1981 Dec;95(6):863–79
Forced walking prepartum for dairy cows of different ages. Lamb RC, et al. **J Dairy Sci** 1981 Oct;64(10):2017–24
Voluntary exercise during pregnancy and lactation and its effect on lactational performance in mice. Karasawa K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(4):333–9
Biological and haematological modifications after two years of physical activity in middle-aged men. Attinà DA, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):253–8
The interaction of endurance running and ethanol on skeletal muscle mitochondria. Farrar RP, et al. **Life Sci** 1982 Jan 4; 30(1):67–75
Load-carrying effects on the adult beagle tibia. Martin RK, et al. **Med Sci Sports Exerc** 1981;13(5):343–9
Massachusetts Department of Public Health. Risk factors and life style: a statewide health-interview survey. Lambert CA, et al. **N Engl J Med** 1982 Apr 29;306(17):1048–51
Body composition in adolescence. Forbes GB. **Prog Clin Biol Res** 1981;61:55–72 (32 ref.)
Standards in behavioral teratology testing: test variability and sensitivity. Butcher RE, et al. **Teratogenesis Carcinog Mutagen** 1980;1(1):49–61
The energy expenditure of spina bifida children during walking and wheelchair ambulation. Evans EP, et al. **Z Kinderchir** 1981 Dec;34(4):425–7
[Effect of exercise on serum lipoproteins in 270 healthy men (author's transl)] Ollivier JP, et al. **Diabete Metab** 1981 Sep; 7(3):195–8 (Eng. Abstr.) **(Fre)**

BONE AND BONES

Cortical bone, body size, and skeletal maturity in ice hockey players 10 to 12 years of age. Meleski BW, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):212–7
[Comparative analysis of radiographic data of 'structural changes' in the bones of divers and non-divers] Oriani G, et al. **Minerva Med** 1981 Dec 30;72(52):3573–8 (Eng. Abstr.) **(Ita)**

BRADYCARDIA

The behavior of the Nicoladoni–Branham sign at rest and under effort. Longo T, et al. **Angiology** 1981 Nov;32(11):797–803

BREATHING EXERCISES

Use of ball insentive inspirometer in post-operative respiratory care. Clinical trial. Hasan SS, et al. **Br J Clin Pract** 1981 Sep; 35(9):302–5
Incentive breathing devices and chest physiopathy: a controlled therapy. Oulton JL, et al. **Can J Surg** 1981 Nov;24(6):638–40
Exercise for children with physical disabilities. Bernard B, et al. **Issues Compr Pediatr Nurs** 1981 Mar–Apr;5(2):99–107

BRONCHIAL PROVOCATION TESTS

A calcium antagonist, nifedipine, modifies exercise-induced asthma. Barnes PJ, et al. **Thorax** 1981 Oct;36(10):726–30
[Practical value of the study of bronchial reactivity in the diagnosis of bronchial asthma and asthma susceptibility in conscripts] Dziedziczko A, et al. **Pol Tyg Lek** 1981 Aug 24; 36(34):1301–4 (Eng. Abstr.) **(Pol)**

BRONCHOSPIROMETRY

Changes in functional residual capacity during exercise in patients with exercise-induced asthma. Kiers A, et al. **Bull Eur Physiopathol Respir** 1981 Nov–Dec;17(6):869–78

BUNDLE-BRANCH BLOCK

The nitroglycerin exercise test. Zohman LR, et al. **Cardiology** 1981; 68 Suppl 2:169–77
Chest pain and rate-dependent left bundle branch block in patients with normal coronary arteriograms. Virtanen KS, et al. **Chest** 1982 Mar;81(3):326–31

BURSA, SYNOVIAL

Subacromial bursography. An anatomical and clinical study. Strizak AM, et al. **J Bone Joint Surg [Am]** 1982 Feb; 64(2):196–201

CALORIMETRY

Isolated while heart calorimetry: energetics of length-dependent activation. Coulson RL. **Fed Proc** 1982 Feb;41(2):199–203

CARBON DIOXIDE

Pathogenesis of respiratory insufficiency in myotonic dystrophy: the mechanical factors. Bégin R, et al. **Am Rev Respir Dis** 1982 Mar;125(3):312–8
Use of ball insentive inspirometer in post-operative respiratory care. Clinical trial. Hasan SS, et al. **Br J Clin Pract** 1981 Sep; 35(9):302–5
Exercise and oxygen inhalation in relation to prognosis of chronic obstructive pulmonary disease. Kawakami Y, et al. **Chest** 1982 Feb;81(2):182–8
Mechanisms of oxygen effects on exercise in patients with chronic obstructive pulmonary disease. Stein DA, et al. **Chest** 1982 Jan; 81(1):6–10
Effect of vagotomy on the breathing pattern and exercise ability in emphysematous patients. Bradley GW, et al. **Clin Sci** 1982 Mar;62(3):311–9
Nutrition and the respiratory system. Askanazi J, et al. **Crit Care Med** 1982 Mar;10(3):163–72 (124 ref.)
Functional state of the cardiovascular system, ventilation, and gas exchange during standard physical work in different age periods. Ivanov LA. **Hum Physiol** 1981 Mar–Apr;7(2):99–103
Effects of menstrual cycle on blood lactate, O2 delivery, and performance during exercise. Jurkowski JE, et al. **J Appl Physiol** 1981 Dec;51(6):1493–9
Calculation of submaximal and maximal cardiac output in children using the CO2 rebreathing technique. Sady SP, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):245–52
Accelerated respiratory response to moderate exercise in late

PHYSICAL FITNESS/SPORTS MEDICINE

CARBON DIOXIDE

pregnancy. Edwards MJ, et al. **Respir Physiol** 1981 Sep; 45(3):229–41

Influence of diet on CO2 production and ventilation in constant-load exercise. Hughson RL, et al. **Respir Physiol** 1981 Nov;46(2):149–60

Control of ventilation during graded exercise in the dog. Szlyk PC, et al. **Respir Physiol** 1981 Dec;46(3):345–65

Apnoeic diving safety - experimental approaches to oxygen augmentation. Smit PJ, et al. **S Afr Med J** 1981 Dec 19; 60(25):959–64

Effects of CO2 insensitivity and respiratory pattern on respiration in divers. Morrison JB, et al. **Undersea Biomed Res** 1981 Dec; 8(4):209–17

[Oxygen uptake (VO2) and carbon dioxide discharge (VCO2) in swine exposed to exhaustive physical stress] Steinhardt M, et al. **Arch Exp Veterinarmed** 1981;35(5):725–36 (Eng. Abstr.) (Ger)

[Effects and dangers of hyperventilation] Odaglia G. **Minerva Med** 1981 Dec 30;72(52):3579–87 (Eng. Abstr.) (Ita)

[Significance of the pulmonary gas exchange reaction to physical loading in evaluating the effectiveness of mitral commissurotomy] Sherdukalova LF, et al. **Sov Med** 1982;(1):15–9 (Eng. Abstr.) (Rus)

CARDIAC OUTPUT

Management of severe chronic CHF with oral pirbuterol. Awan NA, et al. **Acta Med Scand [Suppl]** 1981;(652):155–62

Divergent effects of diltiazem in patients with exertional angina. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):538–46

Severe left main coronary arterial stenosis with right coronary arterial occlusion: results of bypass graft surgery. Rittenhouse EA, et al. **Am J Cardiol** 1982 Mar;49(4):645–50

Relationships between adenosine and coronary resistance in conscious exercising dogs. McKenzie JE, et al. **Am J Physiol** 1982 Jan;242(1):H24–9

The behavior of the Nicoladoni–Branham sign at rest and under effort. Longo T, et al. **Angiology** 1981 Nov;32(11):797–803

Relationship of resting ejection fraction and extent of coronary arterial disease with changes of QRS amplitude during exercise stress testing. Moreyra AE, et al. **Angiology** 1981 Nov; 32(11):788–96

Radionuclide assessment of left ventricular function in patients requiring intraoperative balloon pump assistance. Davies RA, et al. **Ann Thorac Surg** 1982 Feb;33(2):123–31

Myocardial infarct size and cardiac performance at exercise soon after myocardial infarction. Grande P, et al. **Br Heart J** 1982 Jan;47(1):44–50

Central and peripheral adaptations of the gas transport system to one-leg training. Thomas SG, et al. **Can J Physiol Pharmacol** 1981 Nov;59(11):1146–54

Exercise testing in patients with valve replacement. Kraus F, et al. **Cardiology** 1981;68 Suppl 2:91–8

Work as a correlate of canine left ventricular oxygen consumption, and the problem of catecholamine oxygen wasting. Rooke GA, et al. **Circ Res** 1982 Feb;50(2):273–86

Left ventricular function in trained and untrained healthy subjects. Bar-Shlomo BZ, et al. **Circulation** 1982 Mar;65(3):484–8

Hemodynamic correlates of autonomic reflexes in patients with labile and fixed hypertension. Chrysant SG, et al. **Clin Exp Hypertens** 1981;3(6):1109–19

Changes in total and local contractility of the left ventricle, imaged by radionuclide ventriculography, in patients with ischaemic heart disease during submaximal exercise. Kramer AA, et al. **Cor Vasa** 1981;23(6):403–11

Functional state of the cardiovascular system, ventilation, and gas exchange during standard physical work in different age periods. Ivanov LA. **Hum Physiol** 1981 Mar–Apr;7(2):99–103

The influence of hemoglobin concentration on exercise cardiac output. Freedson PS. **Int J Sports Med** 1981 May;2(2):81–6

Effects of menstrual cycle on blood lactate, O2 delivery, and performance during exercise. Jurkowski JE, et al. **J Appl Physiol** 1981 Dec;51(6):1493–9

Estimation of cardiac output by electrical impedance during arm exercise in women. Miles DS, et al. **J Appl Physiol** 1981 Dec; 51(6):1488–92

Cardiac output increase and gas exchange at start of exercise. Weissman ML, et al. **J Appl Physiol** 1982 Jan;52(1):236–44

Comparison of sublingual nitroglycerine and isosorbide dinitrate ointment by radionuclide ventriculography. Lele RD, et al. **J Assoc Physicians India** 1981 Jun;29(6):447–56

Circulatory effects in healthy young men of atrial pacing at rest and during isometric handgrip. Bergenwald L, et al. **J Physiol (Lond)** 1981 Sep;318:445–53

Calculation of submaximal and maximal cardiac output in children using the CO2 rebreathing technique. Sady SP, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):245–52

Continuous determination of cardiac output during exercise by the use of impedance plethysmography. Miyamoto Y, et al. **Med Biol Eng Comput** 1981 Sep;19(5):638–44

Effectiveness of long-term vasodilator administration in the treatment of chronic left ventricular failure. Franciosa JA. **Prog Cardiovasc Dis** 1982 Jan–Feb;24(4):319–30 (90 ref.)

Control system evaluations of the THI/Gould LVAS: pump rate and stroke volume responsiveness during exercise in the unanesthetized calf. Igo SR, et al. **Trans Am Soc Artif Intern Organs** 1981;27:454–60

[Methodologic and exercise-physiologic principles of ergometry: value of noninvasive parameters in the detection of compromised exercise capacity due to heart disease (author's transl)] Franz IW, et al. **Herz** 1982 Feb;7(1):29–41 (29 ref.) (Eng. Abstr.) (Ger)

[Ergometry in childhood. Normal values and use in paediatric cardiology (author's transl)] Mocellin R. **Herz** 1982 Feb; 7(1):42–9 (28 ref.) (Eng. Abstr.) (Ger)

[Principles of ergometry. Part I. Physiologic basis and methodology] Niederberger M. **Herz** 1982 Feb;7(1):1–19 (Eng. Abstr.) (Ger)

[Echocardiographic study of left ventricular performance during sitting bicycle exercise (author's transl)] Corallo S, et al. **G Ital Cardiol** 1981;11(8):1072–82 (Eng. Abstr.) (Ita)

[Hemodynamic indices in the measured physical loading of ischemic heart disease patients] Ianovskii GV, et al. **Vrach Delo** 1981 Dec;(12):42–4 (Eng. Abstr.) (Rus)

[Cardiac Rehabilitation (author's transl)] Román O. **Rev Med Chil** 1981 May;109(5):453–8 (Eng. Abstr.) (Spa)

CARDIOVASCULAR SYSTEM

A study of treadmill exercise protocols for Chinese males. Ho BL. **Aviat Space Environ Med** 1982 Feb;53(2):112–6

Attenuation of exercise conditioning by beta-adrenergic blockade. Sable DL, et al. **Circulation** 1982 Apr;65(4):679–84

Functional state of the cardiovascular system, ventilation, and gas exchange during standard physical work in different age periods. Ivanov LA. **Hum Physiol** 1981 Mar–Apr;7(2):99–103

Effect of cardiovascular variables on hyperpnea during recovery from diving in ducks. Lillo RS, et al. **J Appl Physiol** 1982 Jan; 52(1):206–15

Enhancement of calorigenic response to cold and to norepinephrine in physically trained rats. Hirata K, et al. **Jpn J Physiol** 1981; 31(5):657–65

Selected aspects of deconditioning secondary to immobilization. Lentz M. **Nurs Clin North Am** 1981 Dec;16(4):729–37

A study concerning adaptability in overweight puberal children. Fetroiu A, et al. **Physiologie** 1982 Jan–Mar;19(1):35–9

[Methodologic and exercise-physiologic principles of ergometry: value of noninvasive parameters in the detection of compromised exercise capacity due to heart disease (author's transl)] Franz IW, et al. **Herz** 1982 Feb;7(1):29–41 (29 ref.) (Eng. Abstr.) (Ger)

[Ergometry in childhood. Normal values and use in paediatric cardiology (author's transl)] Mocellin R. **Herz** 1982 Feb; 7(1):42–9 (28 ref.) (Eng. Abstr.) (Ger)

[Principles of ergometry. - Part II: criteria for assessment of the exercise test. Criteria for interpretation (author's transl)] Niederberger M. **Herz** 1982 Feb;7(1):20–8 (114 ref.) (Eng. Abstr.) (Ger)

CARNITINE

[Exercise-induced malignant hyperthermia in a patient with familial ichthyosis vulgaris. Muscular carnitine deficiency as contributing factor (author's transl)] Haegy JM, et al. **Nouv Presse Med** 1982 Jan 16;11(2):115–7 (Eng. Abstr.) (Fre)

CARPAL BONES

[Functional value of the pisiform bone in the grasping mechanism] Laude MM. **Bull Acad Natl Med (Paris)** 1981 Apr; 165(4):479–83 (Eng. Abstr.) (Fre)

CARTILAGE, ARTICULAR

Early results of arthroscopic surgery of the knee. Chana GS, et al. **Injury** 1981 Nov;13(3):227–9

The value of arthrography and arthroscopy in association with a sports injuries clinic: a prospective and comparative study of 182 patients. Crabtree SD, et al. **Injury** 1981 Nov;13(3):220–6

CASTS, SURGICAL

Tibial tuberosity avulsion fracture in adolescents. Christie MJ, et al. **J Pediatr Orthop** 1981;1(4):391–4

CERVICAL VERTEBRAE

Cervical spine injuries in rugby football. O'Carroll PF, et al. **Ir Med J** 1981 Dec;74(12):377–9

CHOLESTEROL

Physical exercise and carbohydrate and lipid metabolism. Chakroun R, et al. **Acta Cardiol [Suppl] (Brux)** 1981;27:51–68

Social network analysis and coronary heart disease. Berkman LF. **Adv Cardiol** 1982;29:37–49

Plasma high density lipoproteins in coronary, cerebral and peripheral vascular disease. The influence of various risk factors. Bihari-Varga M, et al. **Atherosclerosis** 1981 Nov–Dec; 40(3–4):337–45

Plasma high density lipoproteins HDL2, HDL3 and postheparin plasma lipases in relation to parameters of physical fitness. Kuusi T, et al. **Atherosclerosis** 1982 Feb;41(2–3):209–19

Nine years' follow-up of a maximal exercise test in a random population sample of middle-aged men. Wilhelmsen L, et al. **Cardiology** 1981;68 Suppl 2:1–8

Changes in plasma lipid and lipoprotein levels in men and women after a program of moderate exercise. Brownell KD, et al. **Circulation** 1982 Mar;65(3):477–84

The delayed effects of prolonged physical exercise and physical training on cholesterol level. Dufaux B, et al. **Eur J Applied Physiol** 1982;48(1):25–9

A comparison of plasma cholesterol, triglycerides, and high density lipoprotein-cholesterol in speed skaters, weightlifters and non-athletes. Farrell PA, et al. **Eur J Applied Physiol** 1982; 48(1):77–82

HDL-cholesterol (HDL-C) changes during and after intensive long-lasting exercise. Berg A, et al. **Int J Sports Med** 1981 May; 2(2):121–3

High-density lipoprotein-cholesterol in marathon runners during a 20-day road race. Dressendorfer RH, et al. **JAMA** 1982 Mar 26;247(12):1715–7

Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235–44

Comparison of serum lipids between habitually high and low active pre-adolescent males. Thorland WG, et al. **Med Sci Sports Exerc** 1981;13(5):316–21

Comparison of blood lipids, lipoproteins, anthropometric measures, and resting and exercise cardiovascular responses in children, 6—7 years old. Gilliam TB, et al. **Prev Med** 1981 Nov; 10(6):754–64

Influence of exercise and smoking on high density lipoprotein cholesterol in university students. Nakamura S. **Tohoku J Exp Med** 1981 Dec;135(4):443–4

[Effect of exercise on serum lipoproteins in 270 healthy men (author's transl)] Ollivier JP, et al. **Diabete Metab** 1981 Sep; 7(3):195–8 (Eng. Abstr.) **(Fre)**

CHRONIC DISEASE

Management of severe chronic CHF with oral pirbuterol. Awan NA, et al. **Acta Med Scand [Suppl]** 1981;(652):155–62

Radionuclide angiographic exercise left ventricular performance in chronic aortic regurgitation: relationship to resting echographic ventricular dimensions and systolic wall stress index. Lewis SM, et al. **Am Heart J** 1982 Apr;103(4 Pt 1):498–504

Myocardial perfusion imaging. Ritchie JL. **Am J Cardiol** 1982 Apr 1;49(5):1341–7

Comparison of antianginal efficacy of one conventional and three long acting beta-adrenoreceptor blocking agents in stable angina pectoris. Jones GR, et al. **Br Heart J** 1981 Nov;46(5):503–7

Clinical use of oral verapamil in chronic and paroxysmal atrial fibrillation. Stern EH, et al. **Chest** 1982 Mar;81(3):308–11

Subacute anterior tibial compartment syndrome. Stefl DJ, et al. **J Foot Surg** 1981 Winter;20(4):258–61

Non-specific precipitin reactions of IgG at low ionic strength. Norberg R, et al. **J Immunol Methods** 1982;49(1):113–6

Effectiveness of long-term vasodilator administration in the treatment of chronic left ventricular failure. Franciosa JA. **Prog Cardiovasc Dis** 1982 Jan–Feb;24(4):319–30 (90 ref.)

[Effects of correction of eating behavior and metabolic consumption on diarrhea, subcutaneous tissue, growth and hemoglobin in 18 children with aspecific chronic diarrhea] Ciampolini M, et al. **Minerva Pediatr** 1981 Nov 30; 33(22):1081–7 (Eng. Abstr.) **(Ita)**

[Metabolic adaptation to physical exertion in patients with chronic bronchitis] Sztobryn M, et al. **Pneumonol Pol** 1981; 49(10):683–9 (Eng. Abstr.) **(Pol)**

[Clinical instrumental diagnosis of ischemic heart disease in patients with unaltered coronary arteries] Makolkin VI, et al. **Kardiologiia** 1982 Jan;22(1):15–8 (Eng. Abstr.) **(Rus)**

[Study of circulation in patients with chronic bronchitis by the means of integral rheography] Leonov VO. **Ter Arkh** 1981; 53(12):67–72 (Eng. Abstr.) **(Rus)**

[Therapeutic physical exercise in the combined treatment of hypertension and alimentary obesity] Luganskiĭ IuN, et al. **Vrach Delo** 1982 Feb;(2):54–7 (Eng. Abstr.) **(Rus)**

[Chronic pain in the Achilles tendon among athletes] Sanzén L, et al. **Lakartidningen** 1981 Aug 19;78(34):2852–4 (Eng. Abstr.) **(Swe)**

COCAINE

Cocaine and contractile responses of vascular smooth muscle from spontaneously hypertensive rats. Webb RC, et al. **Arch Int Pharmacodyn Ther** 1981 Oct;253(2):241–56

COLD

Investigation of the mechanisms and consequences of transient myocardial ischaemia. Allan RM, et al. **Acta Med Scand [Suppl]** 1981;651:133–8

Comparative value of the cold-pressor test and supine bicycle exercise to detect subjects with coronary artery disease using radionuclide ventriculography. Manyari DE, et al. **Circulation** 1982 Mar;65(3):571–9

Exercise heart rate response to facial cooling. Riggs CE Jr, et al. **Eur J Applied Physiol** 1981;47(4):323–30

Glycogen and nonspecific adaptation to cold. LeBlanc J, et al. **J Appl Physiol** 1981 Dec;51(6):1428–32

Chemical energetics of slow- and fast-twitch muscles of the mouse. Crow MT, et al. **J Gen Physiol** 1982 Jan;79(1):147–66

Enhancement of calorigenic response to cold and to norepinephrine in physically trained rats. Hirata K, et al. **Jpn J Physiol** 1981; 31(5):657–65

COMPARTMENT SYNDROMES

Subacute anterior tibial compartment syndrome. Stefl DJ, et al. **J Foot Surg** 1981 Winter;20(4):258–61

CONTRACTURE

[Muscle contracture induced by ischemic exercise in McArdle's disease (author's transl)] Uno H. **Rinsho Shinkeigaku** 1981 Nov; 21(11):927–31 (Eng. Abstr.) **(Jpn)**

CORONARY CIRCULATION

Captopril - an oral angiotensin-converting enzyme inhibitor in CHF. Chatterjee K, et al. **Acta Med Scand [Suppl]** 1981; (652):181–7

The multifactorial approach to myocardial salvage. The experience from diving seals. Kjekshus JK, et al. **Acta Med Scand [Suppl]** 1981;651:49–57

Thallium-201 myocardial scintigraphy: improved sensitivity, specificity and predictive accuracy by application of a statistical image analysis algorithm. Faris JV, et al. **Am J Cardiol** 1982 Mar;49(4):733–42

Myocardial perfusion imaging. Ritchie JL. **Am J Cardiol** 1982 Apr 1;49(5):1341–7

Myocardial blood flow and metabolism in the diving seal. Kjekshus JK, et al. **Am J Physiol** 1982 Jan;242(1):R97–104

Isolated disease of left anterior descending coronary artery. Angiocardiographic and clinical study of 218 patients. Brooks N, et al. **Br Heart J** 1982 Jan;47(1):71–7

Myocardial blood flow and mechanics in volume overload-induced left ventricular hypertrophy in dogs. Hultgren PB, et al. **Cardiovasc Res** 1981 Sep;15(9):522–8

The effect of some antianginal drugs on the myocardial perfusion in patients with ischaemic heart disease. Gasilin VS, et al. **Cor Vasa** 1981;23(6):429–38

Myocardial imaging with dipyridamole: comparison of the sensitivity and specificity of 201Tl versus MUGA. Harris D, et al. **Eur J Nucl Med** 1982;7(1):1–5

Selection of patients for coronary arteriography with thallium-201: operating position on the receiver operating characteristic curve. Nusynowitz ML, et al. **Int J Nucl Med Biol** 1981; 8(2–3):204–8

Effect of physical training on coronary collateral circulation of the rat. Koerner JE, et al. **J Appl Physiol** 1982 Feb; 52(2):376–87

Radionuclide evaluation of the interventricular septum following coronary artery bypass surgery. Lindsay J Jr, et al. **Radiology** 1982 Feb;142(2):489–93

[Apex cardiography in evaluating the subendocardiac blood flow and coronary reserve in a comparison with coronary radiography and bicycle ergometry data in ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1982 Jan;22(1):57–9 (Eng. Abstr.)**(Rus)**

[Hemodynamic indices in the measured physical loading of ischemic heart disease patients] Ianovskiĭ GV, et al. **Vrach Delo** 1981 Dec;(12):42–4 (Eng. Abstr.) **(Rus)**

CORONARY DISEASE

Computer analysis of the exercise ECG: new aspects. Block P, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:29–36

PHYSICAL FITNESS/SPORTS MEDICINE

CORONARY DISEASE

Effect of image computer processing on the sensitivity and specificity of stress myocardial scintigraphy. Lenaers A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:95–103

Effect of timolol on platelet aggregation in coronary heart disease. Thaulow E, et al. **Acta Med Scand [Suppl]** 1981;651:101–9

Social network analysis and coronary heart disease. Berkman LF. **Adv Cardiol** 1982;29:37–49

Type A behavior pattern in a screened female population. Bernet A, et al. **Adv Cardiol** 1982;29:96–107

Socio-economic and cultural factors in ischaemic heart disease. Marmot MG. **Adv Cardiol** 1982;29:68–76

Reduction of submaximal exercise myocardial oxygen demand post-walk training program in coronary patients due to improved physical work efficiency. Dressendorfer RH, et al. **Am Heart J** 1982 Mar;103(3):358–62

Role of coronary vasospasm in the pathogenesis of myocardial ischemia and angina pectoris. Gorlin R. **Am Heart J** 1982 Apr; 103(4 Pt 2):598–603

Clinical significance of isolated coronary bridges: benign and frequent condition involving the left anterior descending artery. Kramer JR, et al. **Am Heart J** 1982 Feb;103(2):283–8

Comparison of platelet function during exercise in normal subjects and coronary artery disease patients: Potential role of platelet activation in myocardial ischemia. Mehta J, et al. **Am Heart J** 1982 Jan;103(1):49–53

Prevalence and significance of reversible radionuclide ischemic perfusion defects in symptomatic aortic valve disease patients with or without concomitant coronary disease. Pfisterer M, et al. **Am Heart J** 1982 Jan;103(1):92–6

Evaluation of patients with ischemic heart disease by thallium-201 myocardial imaging. Pitt B, et al. **Am Heart J** 1982 Apr; 103(4 Pt 2):784–8

Thallium-201 myocardial scintigraphy: improved sensitivity, specificity and predictive accuracy by application of a statistical image analysis algorithm. Faris JV, et al. **Am J Cardiol** 1982 Mar;49(4):733–42

Inability of exercise-induced R wave changes to predict coronary artery disease. Fox K, et al. **Am J Cardiol** 1982 Mar; 49(4):674–9

Efficacy of diltiazem in angina on effort: a multicenter trial. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):567–72

Can exercise electrocardiography and thallium-201 myocardial imaging exclude the diagnosis of coronary artery disease? Bayesian analysis of the clinical limits of exclusion and indications for coronary angiography. Patterson RE, et al. **Am J Cardiol** 1982 Apr 1;49(5):1127–35

Combined acebutolol/nifedipine therapy in patients with chronic coronary artery disease: additional improvement of ischemia-induced left ventricular dysfunction. Pfisterer M, et al. **Am J Cardiol** 1982 Apr 1;49(5):1259–66

Long-term efficacy of diltiazem in chronic stable angina associated with atherosclerosis: effect on treadmill exercise. Pool PE, et al. **Am J Cardiol** 1982 Feb 18;49(3):573–7

Myocardial perfusion imaging. Ritchie JL. **Am J Cardiol** 1982 Apr 1;49(5):1341–7

Severe left main coronary arterial stenosis with right coronary arterial occlusion: results of bypass graft surgery. Rittenhouse EA, et al. **Am J Cardiol** 1982 Mar;49(4):645–50

Inability of a chest pain history questionnaire to predict coronary disease in the exercise laboratory [letter] Santinga JT. **Am J Cardiol** 1982 Mar:49(4 Pt 2):1084–5

Reduced prostacyclin production in patients with different manifestations of ischemic heart disease. Serneri GG, et al. **Am J Cardiol** 1982 Apr 1;49(5):1146–51

Relationship of resting ejection fraction and extent of coronary arterial disease with changes of QRS amplitude during exercise stress testing. Moreyra AE, et al. **Angiology** 1981 Nov; 32(11):788–96

Arteriographic assessment of coronary atherosclerosis. Review of current methods, their limitations, and clinical applications. Brown BG, et al. **Arteriosclerosis** 1982 Jan–Feb;2(1):2–15 (68 ref.)

Plasma high density lipoproteins in coronary, cerebral and peripheral vascular disease. The influence of various risk factors. Bihari-Varga M, et al. **Atherosclerosis** 1981 Nov–Dec; 40(3–4):337–45

A study of treadmill exercise protocols for Chinese males. Ho BL. **Aviat Space Environ Med** 1982 Feb;53(2):112–6

Isolated disease of left anterior descending coronary artery. Angiocardiographic and clinical study of 218 patients. Brooks N, et al. **Br Heart J** 1982 Jan;47(1):71–7

Non-invasive assessment of changes in left ventricular relaxation by combined phono-, echo-, and mechanocardiography. Mattheos M, et al. **Br Heart J** 1982 Mar;47(3):253–60

Immediate and sustained haemodynamic effects of prazosin during upright exercise in man. Silke B, et al. **Br Heart J** 1981 Dec; 46(6):663–70

Interrelation of heart rate and autonomic activity in asymptomatic men with unobstructed coronary arteries. Studies with atrial pacing, adrenaline infusion, and autonomic blockade. Taggart P, et al. **Br Heart J** 1982 Jan;47(1):19–25

Scintigraphic anatomy of coronary artery disease in digital thallium-201 myocardial images. Wainwright RJ. **Br Heart J** 1981 Nov;46(5):465–77

Segmental quantitative analysis of digital thallium-201 myocardial scintigrams in diagnosis of coronary artery disease. Comparison with rest and exercise electrocardiography and coronary arteriography. Wainwrwight RJ, et al. **Br Heart J** 1981 Nov; 46(5):478–85

Jogger's blockade [editorial] Breckenridge A. **Br Med J [Clin Res]** 1982 Feb 20;284(6315):532–3

Polarcardiographic (triaxicardiometric) study on the effect of isosorbide dinitrate on exercise-induced myocardial ischemia. Antalóczy Z, et al. **Cardiology** 1981;68 Suppl 2:147–52

Prognosis of women with exercise-induced ECG changes—results from a longitudinal population study. Bengtsson C, et al. **Cardiology** 1981;68 Suppl 2:9–14

Predictive value of symptom-limited exercise testing for life expectancy in inoperable coronary patients with disabling angina. Broustet JP, et al. **Cardiology** 1981;68 Suppl 2:114–23

Predictive value of symptom-limited exercise for risk assessment of primary and secondary events due to coronary heart disease in men. Bruce RA, et al. **Cardiology** 1981;68 Suppl 2:15–26

Clinical implications of the blood pressure response to exercise. Comess KA, et al. **Cardiology** 1981;68(4):233–44 (26 ref.)

Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. Deanfield J, et al. **Cardiology** 1981; 68 Suppl 2:186–9

Analysis of exercise-induced R-wave-amplitude changes in detection of coronary artery disease in patients with typical or atypical chest pain under digitalis treatment. Degre S, et al. **Cardiology** 1981;68 Suppl 2:178–85

Incidence and prognostic implications of severe ventricular arrhythmias during maximal exercise testing. Detry JM, et al. **Cardiology** 1981;68 Suppl 2:35–43

Multivariate approach to the treadmill stress test: prospective study. Ellestad MH, et al. **Cardiology** 1981;68 Suppl 2:27–34

Left ventricular function during exercise before and after bypass surgery. Hirzel HO, et al. **Cardiology** 1981;68 Suppl 2:99–107

On-line computer-assisted exercise mapping. Murray RG, et al. **Cardiology** 1981;68 Suppl 2:133–40

Evaluation of effect of drugs on the exercise ECG. Sanchez-Cascos A. **Cardiology** 1981;68 Suppl 2:190–4

Nine years' follow-up of a maximal exercise test in a random population sample of middle-aged men. Wilhelmsen L, et al. **Cardiology** 1981;68 Suppl 2:1–8

The nitroglycerin exercise test. Zohman LR, et al. **Cardiology** 1981; 68 Suppl 2:169–77

Evaluating the positive exercise stress test in the asymptomatic individual. Laslett LJ, et al. **Chest** 1982 Mar;81(3):364–7

Changes in plasma lipid and lipoprotein levels in men and women after a program of moderate exercise. Brownell KD, et al. **Circulation** 1982 Mar;65(3):477–84

Survival of patients with a strongly positive exercise electrocardiogram. Dagenais GR, et al. **Circulation** 1982 Mar; 65(3):452–6

Assessment of jeopardized myocardium in patients with one-vessel disease. Iskandrian AS, et al. **Circulation** 1982 Feb;65(2):242–7

Comparative value of the cold-pressor test and supine bicycle exercise to detect subjects with coronary artery disease using radionuclide ventriculography. Manyari DE, et al. **Circulation** 1982 Mar;65(3):571–9

Reversal of exercise-induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. Sarma RJ, et al. **Circulation** 1982 Apr;65(4):684–9

Exercise testing in patients with variant angina: results, correlation with clinical and angiographic features and prognostic significance. Waters DD, et al. **Circulation** 1982 Feb; 65(2):265–74

The effect of some antianginal drugs on the myocardial perfusion in patients with ischaemic heart disease. Gasilin VS, et al. **Cor Vasa** 1981;23(6):429–38

Changes in total and local contractility of the left ventricle, imaged by radionuclide ventriculography, in patients with ischaemic heart disease during submaximal exercise. Kramer AA, et al. **Cor Vasa** 1981;23(6):403–11

Cardiac rehabilitation update. Berra K. **Crit Care Update** 1982 Jan; 9(1):30–9

Noninvasive assessment of patients with ischemic heart disease. Crawford MH. **Curr Probl Cardiol** 1981 Oct;6(7):1–50

Exercise and sudden- part II. McManus BM, et al. **Curr Probl Cardiol** 1982 Jan;6(10):1–57

Exercise and sudden death-part I. McManus BM, et al. **Curr Probl Cardiol** 1981 Dec;6(9):1–89

Myocardial imaging with dipyridamole: comparison of the sensitivity and specificity of 201Tl versus MUGA. Harris D, et al. **Eur J Nucl Med** 1982;7(1):1–5

Contributors to coronary risk: ten years later. Kannel WB, et al. **Heart Lung** 1982 Jan–Feb;11(1):60–4

The value of thallium exercise testing in patients with coronary artery disease. McCarthy DM. **Int J Cardiol** 1981;1(1):7–14 (20 ref.)

Selection of patients for coronary arteriography with thallium–201: operating position on the receiver operating characteristic curve. Nusynowitz ML, et al. **Int J Nucl Med Biol** 1981; 8(2–3):204–8

Assessment of different forms of physical activity with respect to preventive and rehabilitative cardiology. Hollmann W, et al. **Int J Sports Med** 1981 May;2(2):67–80

Effect of physical training on coronary collateral circulation of the rat. Koerner JE, et al. **J Appl Physiol** 1982 Feb; 52(2):376–87

Impaired cardiac 'acceleration' at the onset of exercise in patients with coronary disease. Zimmerman P, et al. **J Appl Physiol** 1982 Jan;52(1):71–8

Comparison of sublingual nitroglycerine and isosorbide dinitrate ointment by radionuclide ventriculography. Lele RD, et al. **J Assoc Physicians India** 1981 Jun;29(6):447–56

Performance of the rotating slant–hole collimator for the detection of myocardial perfusion abnormalities. Ratib O, et al. **J Nucl Med** 1982 Jan;23(1):34–41

Influence of initial aerobic fitness, aerobic training and changes in aerobic fitness on personality functioning. Jasnoski ML, et al. **J Psychosom Res** 1981;25(6):553–6

Morale in coronary patients following an exercise programme. Prosser G, et al. **J Psychosom Res** 1981;25(6):587–93

Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235–44

Treadmill stress test using body surface mapping in coronary artery disease—the clinical significance of ST depression. Kubota I, et al. **Jpn Circ J** 1982 Jan;46(1):8–15

Clinical evaluation of stress myocardial scintigraphy with thallium–201 in patients with ischemic heart disease. Semiquantitative analysis of single dose myocardial imaging. Nakashima Y, et al. **Jpn Circ J** 1982 Mar;46(3):245–51

Medically treated coronary–artery disease [letter] **N Engl J Med** 1982 Mar 18;306(11):677–9

Improved myocardial function during exercise after successful percutaneous transluminal coronary angioplasty. Kent KM, et al. **N Engl J Med** 1982 Feb 25;306(8):441–6

Cardiac rehabilitation. 2. A programme to improve lifestyle. Herdman A. **Nurs Times** 1982 Feb 3–9;78(5):187–9

Current concepts of cardiac rehabilitation. Burke LE. **Occup Health Nurs** 1981 Dec;29(12):41–7

Rehabilitation of the cardiac patient. Program phases and rationale. Winslow EB. **Postgrad Med** 1982 Feb;71(2):114–9, 122–7

Comparison of blood lipids, lipoproteins, anthropometric measures, and resting and exercise cardiovascular responses in children, 6—7 years old. Gilliam TB, et al. **Prev Med** 1981 Nov; 10(6):754–64

Rehabilitation of the coronary patient. Wenger NK. **Singapore Med J** 1981 Aug;22(4):239–46

[Physical fitness among the industrial population of middle–aged men with risk factors of ischaemic heart disease (author's transl)] Simon J, et al. **Cas Lek Cesk** 1981 Nov 19;120(46):1398–1401 (Eng. Abstr.) **(Cze)**

[Prognosis of ischemic coronary disease. The significance of submaximal ECG stress tests and coronarography findings] Fabián J, et al. **Vnitr Lek** 1981 Dec;27(12):1167–76 (Eng. Abstr.) **(Cze)**

[Stress test in forestry workers] Feitová S, et al. **Vnitr Lek** 1982 Jan;28(1):38–44 (Eng. Abstr.) **(Cze)**

[Exercise test in the differential diagnosis of ischemic heart disease in women] Zemánková J, et al. **Vnitr Lek** 1982 Feb; 28(2):142–51 (Eng. Abstr.) **(Cze)**

[Physiological circulatory changes following physical training] Kelbaek H. **Ugeskr Laeger** 1981 Nov 2;143(45):2947–9 (Eng. Abstr.) **(Dan)**

[Importance of the exercise electrocardiogram and of thallium scintigraphy of the myocardium in the evaluation of patients referred for percutaneous transluminal coronary angioplasty] Brévers G, et al. **Union Med Can** 1982 Jan;111(1):32–6, 78 (Eng. Abstr.) **(Fre)**

[Myocardial scintigraphy with Tc–99m–diphosphonate in patients with coronary heart disease: a comparison with ECG and hemodynamic examinations at rest and during exertion] Neumann G, et al. **Cor Vasa** 1981;23(6):467–72 (Eng. Abstr.) **(Ger)**

[Methodologic and exercise–physiologic principles of ergometry: value of noninvasive parameters in the detection of compromised exercise capacity due to heart disease (author's transl)] Franz IW, et al. **Herz** 1982 Feb;7(1):29–41 (29 ref.) (Eng. Abstr.) **(Ger)**

[Principles of ergometry. Part I. Physiologic basis and methodology] Niederberger M. **Herz** 1982 Feb;7(1):1–19 (Eng. Abstr.) **(Ger)**

[Principles of ergometry. – Part II: criteria for assessment of the exercise test. Criteria for interpretation (author's transl)] Niederberger M. **Herz** 1982 Feb;7(1):20–8 (114 ref.) (Eng. Abstr.) **(Ger)**

[Rhythm disorders in the rehabilitation phase after myocardial infarct] Künzler A, et al. **Schweiz Med Wochenschr** 1981 Dec 12;111(50):1962–4 (Eng. Abstr.) **(Ger)**

[Correlation between ergometric tests and coronary radiography] Ferrante MR, et al. **Boll Soc Ital Cardiol** 1980;25(12):1389–95 (Eng. Abstr.) **(Ita)**

[Diagnostic value of the exercise test and of hyperpnea in women suspected of ischemic cardiopathy] Melacini P, et al. **Boll Soc Ital Cardiol** 1980;25(11):1325–30 (Eng. Abstr.) **(Ita)**

[Quantitative analysis of the ECG exercise test by CPU: description of the method and preliminary results] Puccini E, et al. **Boll Soc Ital Cardiol** 1980;25(11):1331–42 (Eng. Abstr.) **(Ita)**

[Indications for the use of phosphocreatine in cardiology] Pinelli G, et al. **Clin Ter** 1982 Feb 15;100(3):261–79 (Eng. Abstr.) **(Ita)**

[The diagnostic value of QRS and ST changes during exercise. A study in normal subjects and coronary patients (author's transl)] Bertoni T, et al. **G Ital Cardiol** 1981;11(6):776–85 (31 ref.) (Eng. Abstr.) **(Ita)**

[Comparison between holter dynamic ECG and exercise stress test in the evaluation of ventricular arrhythmias in patients with ischaemic heart disease (author's transl)] Minardi G, et al. **G Ital Cardiol** 1981;11(8):1063–71 (Eng. Abstr.) **(Ita)**

[Handgrip–exercise echocardiography for the diagnosis of ischemic heart disease (author's transl)] Mitamura H. **Kokyu To Junkan** 1981 Oct;29(10):1099–107 (Eng. Abstr.) **(Jpn)**

[The evaluation of relationship between the occupational physical activity and the selected risk factors of coronary disease (author's transl)] Kupść W, et al. **Przegl Lek** 1981;38(11):805–8 (Eng. Abstr.) **(Pol)**

[Value of the determination of the R wave amplitude and QRS complex after submaximal physical exertion in the diagnosis of coronary disease] Markiewicz M, et al. **Wiad Lek** 1981 Sep 15; 34(18):1493–8 (Eng. Abstr.) **(Pol)**

[Apex cardiography in evaluating the subendocardiac blood flow and coronary reserve in a comparison with coronary radiography and bicycle ergometry data in ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1982 Jan;22(1):57–9 (Eng. Abstr.)**(Rus)**

[Comparative evaluation of bicycle ergometry and coronary radiography results in stenocardia as a function of the ECG ST segment reaction during physical loading] Gasilin VS, et al. **Kardiologiia** 1982 Jan;22(1):11–5 (Eng. Abstr.) **(Rus)**

[Clinical instrumental diagnosis of ischemic heart disease in patients with unaltered coronary arteries] Makolkin VI, et al. **Kardiologiia** 1982 Jan;22(1):15–8 (Eng. Abstr.) **(Rus)**

[Algesimetry in ischemic heart disease and neurocirculatory dystonia] Sidorenko GI, et al. **Kardiologiia** 1981 Dec; 21(12):87–92 (Eng. Abstr.) **(Rus)**

[Computer analysis of the physical loading test] Charchoglian RA, et al. **Sov Med** 1982;(1):3–7 (Eng. Abstr.) **(Rus)**

[Oxygen metabolic characteristics in chronic ischemic heart disease under physical loading] Malchuk EIu. **Sov Med** 1982;(1):7–10 (Eng. Abstr.) **(Rus)**

[Hemodynamic indices in the measured physical loading of ischemic heart disease patients] Ianovskiĭ GV, et al. **Vrach Delo** 1981 Dec;(12):42–4 (Eng. Abstr.) **(Rus)**

CORONARY VESSELS

Application of a temporal Fourier transform for evaluation of regional wall motion disturbances by radionuclide ventriculography at rest and at exercise. Bossuyt A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:105–11

Effect of image computer processing on the sensitivity and specificity of stress myocardial scintigraphy. Lenaers A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:95–103

Post exercise T wave changes in patients with normal and abnormal coronary arteriogram. Forssel G, et al. **Acta Med Scand** 1981; 210(6):451–4

Clinical significance of isolated coronary bridges: benign and frequent condition involving the left anterior descending artery. Kramer JR, et al. **Am Heart J** 1982 Feb;103(2):283–8

Walk–through angina phenomenon demonstrated by graded exercise radionuclide ventriculography: possible coronary spasm mechanisms. Rizi HR, et al. **Am Heart J** 1982 Feb; 103(2):292–5

Inability of exercise–induced R wave changes to predict coronary artery disease. Fox K, et al. **Am J Cardiol** 1982 Mar; 49(4):674–9

Can exercise electrocardiography and thallium–201 myocardial imaging exclude the diagnosis of coronary artery disease? Bayesian analysis of the clinical limits of exclusion and indications for coronary angiography. Patterson RE, et al. **Am J Cardiol** 1982 Apr 1;49(5):1127–35

Sudden death in young athletes. Tsung SH, et al. **Arch Pathol Lab Med** 1982 Apr;106(4):168–70

Arteriographic assessment of coronary atherosclerosis. Review of current methods, their limitations, and clinical applications. Brown BG, et al. **Arteriosclerosis** 1982 Jan–Feb;2(1):2–15 (68 ref.)

PHYSICAL FITNESS/SPORTS MEDICINE

CORONARY VESSELS

Isolated disease of left anterior descending coronary artery. Angiocardiographic and clinical study of 218 patients. Brooks N, et al. **Br Heart J** 1982 Jan;47(1):71–7

Interrelation of heart rate and autonomic activity in asymptomatic men with unobstructed coronary arteries. Studies with atrial pacing, adrenaline infusion, and autonomic blockade. Taggart P, et al. **Br Heart J** 1982 Jan;47(1):19–25

Scintigraphic anatomy of coronary artery disease in digital thallium–201 myocardial images. Wainwright RJ. **Br Heart J** 1981 Nov;46(5):465–77

Segmental quantitative analysis of digital thallium–201 myocardial scintigrams in diagnosis of coronary artery disease. Comparison with rest and exercise electrocardiography and coronary arteriography. Wainwrwight RJ, et al. **Br Heart J** 1981 Nov; 46(5):478–85

Chest pain and rate–dependent left bundle branch block in patients with normal coronary arteriograms. Virtanen KS, et al. **Chest** 1982 Mar;81(3):326–31

Survival of patients with a strongly positive exercise electrocardiogram. Dagenais GR, et al. **Circulation** 1982 Mar; 65(3):452–6

Assessment of jeopardized myocardium in patients with one–vessel disease. Iskandrian AS, et al. **Circulation** 1982 Feb;65(2):242–7

Comparative value of the cold–pressor test and supine bicycle exercise to detect subjects with coronary artery disease using radionuclide ventriculography. Manyari DE, et al. **Circulation** 1982 Mar;65(3):571–9

Reversal of exercise–induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. Sarma RJ, et al. **Circulation** 1982 Apr;65(4):684–9

Exercise testing in patients with variant angina: results, correlation with clinical and angiographic features and prognostic significance. Waters DD, et al. **Circulation** 1982 Feb; 65(2):265–74

Physician practice in the management of patients with uncomplicated myocardial infarction: changes in the past decade. Wenger NK, et al. **Circulation** 1982 Mar;65(3):421–7

The effect of some antianginal drugs on the myocardial perfusion in patients with ischaemic heart disease. Gasilin VS, et al. **Cor Vasa** 1981;23(6):429–38

Noninvasive assessment of patients with ischemic heart disease. Crawford MH. **Curr Probl Cardiol** 1981 Oct;6(7):1–50

Chronic exercise and cardiac vascularization. Tharp GD, et al. **Eur J Applied Physiol** 1982;48(1):97–104

Selection of patients for coronary arteriography with thallium–201: operating position on the receiver operating characteristic curve. Nusynowitz ML, et al. **Int J Nucl Med Biol** 1981; 8(2–3):204–8

Performance of the rotating slant–hole collimator for the detection of myocardial perfusion abnormalities. Ratib O, et al. **J Nucl Med** 1982 Jan;23(1):34–41

Increased regional myocardial perfusion after intracoronary papaverine in patients after coronary artery bypass grafting. Goldman S, et al. **J Thorac Cardiovasc Surg** 1982 Apr; 83(4):563–8

Treadmill stress test using body surface mapping in coronary artery disease—the clinical significance of ST depression. Kubota I, et al. **Jpn Circ J** 1982 Jan;46(1):8–15

Clinical evaluation of stress myocardial scintigraphy with thallium–201 in patients with ischemic heart disease. Semiquantitative analysis of single dose myocardial imaging. Nakashima Y, et al. **Jpn Circ J** 1982 Mar;46(3):245–51

Improved myocardial function during exercise after successful percutaneous transluminal coronary angioplasty. Kent KM, et al. **N Engl J Med** 1982 Feb 25;306(8):441–6

Exercise tolerance five years after coronary bypass surgery in relation to clinical and angiographic findings. Ivert T, et al. **Scand J Thorac Cardiovasc Surg** 1981;15(2):179–95

[Comparison of the results of spiroergometry and coronarography in angina pectoris after myocardial infarction] Barták K, et al. **Cas Lek Cesk** 1981 Nov 19;120(46):1401–7 (Eng. Abstr.) (Cze)

[Prognosis of ischemic coronary disease. The significance of submaximal ECG stress tests and coronarography findings] Fabián J, et al. **Vnitr Lek** 1981 Dec;27(12):1167–76 (Eng. Abstr.) (Cze)

[Importance of the exercise electrocardiogram and of thallium scintigraphy of the myocardium in the evaluation of patients referred for percutaneous transluminal coronary angioplasty] Brévers G, et al. **Union Med Can** 1982 Jan;111(1):32–6, 78 (Eng. Abstr.) (Fre)

[Correlation between ergometric tests and coronary radiography] Ferrante MR, et al. **Boll Soc Ital Cardiol** 1980;25(12):1389–95 (Eng. Abstr.) (Ita)

[The clinical significance of exercise–induced ST–segment elevation–electrocardiographic and arteriographic evaluation in 23 patients (author's transl)] Aizawa T, et al. **Kokyu To Junkan** 1981 Nov;29(11):1203–11 (Eng. Abstr.)(Jpn)

[Apex cardiography in evaluating the subendocardiac blood flow and coronary reserve in a comparison with coronary radiography and bicycle ergometry data in ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1982 Jan;22(1):57–9 (Eng. Abstr.)(Rus)

[Comparative evaluation of bicycle ergometry and coronary radiography results in stenocardia as a function of the ECG ST segment reaction during physical loading] Gasilin VS, et al. **Kardiologiia** 1982 Jan;22(1):11–5 (Eng. Abstr.) (Rus)

[Clinical instrumental diagnosis of ischemic heart disease in patients with unaltered coronary arteries] Makolkin VI, et al. **Kardiologiia** 1982 Jan;22(1):15–8 (Eng. Abstr.) (Rus)

[Exercise–induced coronary artery spasm. Angiographic demonstration and results of medical treatment] García Rubí DE, et al. **Arch Inst Cardiol Mex** 1981 Nov–Dec;51(6):559–64 (Eng. Abstr.) (Spa)

DEATH, SUDDEN

Sudden death in young athletes. Tsung SH, et al. **Arch Pathol Lab Med** 1982 Apr;106(4):168–70

Sudden death and partial absence of the right ventricular myocardium: a report of three cases and a review of the literature. Virmani R, et al. **Arch Pathol Lab Med** 1982 Apr; 106(4):163–7

Right atrial pacing soon after myocardial infarction. Tzivoni D, et al. **Circulation** 1982 Feb;65(2):330–5

Exercise and sudden– part II. McManus BM, et al. **Curr Probl Cardiol** 1982 Jan;6(10):1–57

Exercise and sudden death–part I. McManus BM, et al. **Curr Probl Cardiol** 1981 Dec;6(9):1–89

International conference on sports medicine 1981 'Muscle in sports medicine.' Utrecht, The Netherlands, March 23–26, 1981. Abstracts. **Int J Sports Med** 1981 Aug;2(3):18[illegible]

Sudden death and physical exertion. Zeppilli P, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):299–30[illegible]

[Acute cardiovascular complications and sports (author's transl)] Riviere A, et al. **Ann Cardiol Angeiol (Paris)** 1981 Nov; 30(6):375–8 (38 ref.) (Eng. Abstr.) (Fre)

[Comparison between holter dynamic ECG and exercise stress test in the evaluation of ventricular arrhythmias in patients with ischaemic heart disease (author's transl)] Minardi G, et al. **G Ital Cardiol** 1981;11(8):1063–71 (Eng. Abstr.) (Ita)

DERMATOMYOSITIS

Ipecac–induced myopathy simulating dermatomyositis. Bennett HS, et al. **Neurology (NY)** 1982 Jan;32(1):91–4

DIAPHRAGM

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep; 51(3):557–64

DIAZEPAM

Effects of anxiolytic drugs on the catecholamine and DOPAC (3, 4–dihydroxyphenylacetic acid) levels in brain cortical areas and on corticosterone and prolactin secretion in rats subjected to stress. Fekete MI, et al. **Psychoneuroendocrinology** 1981; 6(2):113–20

DIET

Physical exercise and carbohydrate and lipid metabolism. Chakroun R, et al. **Acta Cardiol [Suppl] (Brux)** 1981;27:51–68

Lactate, muscle glycogen and exercise performance in man. Jacobs I. **Acta Physiol Scand [Suppl]** 1981;495:1–35

Effect of exercise–diet manipulation on muscle glycogen and its subsequent utilization during performance. Sherman WM, et al. **Int J Sports Med** 1981 May;2(2):114–8

The nutritionist as the primary care provider in a team approach to obesity. Fletcher AM. **J Am Diet Assoc** 1982 Mar; 80(3):253–5

Leucine meal increases glutamine and total nitrogen release from forearm muscle. Aoki TT, et al. **J Clin Invest** 1981 Dec; 68(6):1522–8

Effect of dietary thiamine on intermolecular collagen cross–linking during wound repair: a mechanical and biochemical assessment. Alvarez OM, et al. **J Trauma** 1982 Jan;22(1):20–4

Comparison of nutrient intake in middle–aged men and women runners and controls. Blair SN, et al. **Med Sci Sports Exerc** 1981; 13(5):310–5

Comparison of serum lipids between habitually high and low active pre–adolescent males. Thorland WG, et al. **Med Sci Sports Exerc** 1981;13(5):316–21

The high prevalence of impaired glucose tolerance and diabetes mellitus in an isolated Polynesian population, Manihiki, Cook Islands. Weinstein S, et al. **NZ Med J** 1981 Dec 9; 94(697):411–3

Interactions among dietary pattern, physical activity and skinfold thickness. Blair SN, et al. **Res Q Exerc Sport** 1981 Dec; 52(4):505–11

The biochemical basis of obesity. Rath EA. **Sci Prog** 1981 Autumn; 67(267):357–76 (110 ref.)

DIET, REDUCING

Treatment of obese schoolchildren with special reference to the mode of therapy, cardiorespiratory performance and the carbohydrate and lipid metabolism. Ylitalo V. **Acta Paediatr Scand [Suppl]** 1981;290:1–108

Assessment and conservative management of the overfat adolescent. Carruth BR, et al. **J Adolesc Health Care** 1981 Jun; 1(4):289–99

Slimming groups: shedding down to size. Cathcart F, et al. **Nurs Mirror** 1981 Dec 9;153(24):44–6

DIETARY CARBOHYDRATES

Sugar and sugar alcohols. Crapo PA. **ASDC J Dent Child** 1982 Mar–Apr;49(2):136–8 (16 ref.)

Nutrition and the respiratory system. Askanazi J, et al. **Crit Care Med** 1982 Mar;10(3):163–72 (124 ref.)

Effect of exercise–diet manipulation on muscle glycogen and its subsequent utilization during performance. Sherman WM, et al. **Int J Sports Med** 1981 May;2(2):114–8

Effect of muscle glycogen content on glucose uptake following exercise. Fell RD, et al. **J Appl Physiol** 1982 Feb;52(2):434–7

Influence of diet on CO2 production and ventilation in constant–load exercise. Hughson RL, et al. **Respir Physiol** 1981 Nov;46(2):149–60

DIETARY FATS

Physical exercise and carbohydrate and lipid metabolism. Chakroun R, et al. **Acta Cardiol [Suppl] (Brux)** 1981;27:51–68

Influence of physical training on the effects of dietary oils on cardiac morphology and phospholipids in rats. Rocquelin G, et al. **Ann Nutr Metab** 1981 Nov–Dec;25(6):350–61

Nutrition and the respiratory system. Askanazi J, et al. **Crit Care Med** 1982 Mar;10(3):163–72 (124 ref.)

Protection against the cardiotoxic effect of isoproterenol–HCl by dietary polyunsaturated fatty acids and exercise. Crandall DL, et al. **Toxicol Appl Pharmacol** 1982 Jan;62(1):152–7

DIETARY PROTEINS

Nutrition and the respiratory system. Askanazi J, et al. **Crit Care Med** 1982 Mar;10(3):163–72 (124 ref.)

Fluid shifts from myofibrillar to sarcoplasmic space in the myocardium of exhausted rats. Thomas DP, et al. **Int J Sports Med** 1981 Aug;2(3):171–7

Nutritional status of Papua New Guinea highlanders. Okuda T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(4):319–31

DISLOCATIONS

Posttraumatic recurrent subluxation of the extensor carpi ulnaris tendon. Burkhart SS, et al. **J Hand Surg** 1982 Jan;7(1):1–3

Displaced intra–articular osteochondral fracture––cause for irreducible dislocation of the distal interphalangeal joint. Stripling WD. **J Hand Surg** 1982 Jan;7(1):77–8

DIVING

The multifactorial approach to myocardial salvage. The experience from diving seals. Kjekshus JK, et al. **Acta Med Scand [Suppl]** 1981;651:49–57

Decompression sickness [letter] Hadley AT 3d, et al. **Am Fam Physician** 1982 Jan;25(1):27, 30

Myocardial blood flow and metabolism in the diving seal. Kjekshus JK, et al. **Am J Physiol** 1982 Jan;242(1):R97–104

Control of diving responses by carotid bodies and baroreceptors in ducks. Lillo RS, et al. **Am J Physiol** 1982 Jan; 242(1):R105–8

Free amino acids in the blood of fetal and maternal Weddell seals. Murphy BJ, et al. **Am J Physiol** 1982 Jan;242(1):R85–8

Sudden infant death syndrome [letter]. Allison D. **Br J Hosp Med** 1981 Dec;26(6):652

Reflexes concerned in the defence of the lungs. Richardson PS, et al. **Bull Eur Physiopathol Respir** 1981 Nov–Dec; 17(6):979–1012 (199 ref.)

Cognitive performance, sleep quality and mood during deep oxyhelium diving. Lewis VJ, et al. **Ergonomics** 1981 Oct; 24(10):773–93

TSH, T3, rT3 and fT4 in maximal and submaximal physical exercise. Schmid P, et al. **Eur J Applied Physiol** 1982; 48(1):31–9

Effect of cardiovascular variables on hyperpnea during recovery from diving in ducks. Lillo RS, et al. **J Appl Physiol** 1982 Jan; 52(1):206–15

Determination of urinary amino acids by means of glass capillary gas–liquid chromatography with alkali–flame ionisation detection and flame ionisation detection. Chauhan J, et al. **J Chromatogr** 1982 Feb 12;227(2):305–21

An application of bioelectrical impedance for the detection of tissular bubbles in the diver: preliminary results. Jossinet J, et al. **Med Biol Eng Comput** 1981 Jul;19(4):419–25

Decompression sickness: getting out of deep water. Wylie R. **Nurs Mirror** 1981 Nov 11;153(20):42–3

Sports medicine (2). Common medical problems in sub–aqua sport. Betts J. **Practitioner** 1981 Aug;225(1358):1169–74

Theophylline pharmacokinetics during hyperbaria and hyperbaric hyperoxia in the dog. Kramer WG, et al. **Res Commun Chem Pathol Pharmacol** 1981 Dec;34(3):381–8

Apnoeic diving safety – experimental approaches to oxygen augmentation. Smit PJ, et al. **S Afr Med J** 1981 Dec 19; 60(25):959–64

Blood cell changes in asymptomatic divers. Barnard EE, et al. **Undersea Biomed Res** 1981 Dec;8(4):187–98

Effects of CO2 insensitivity and respiratory pattern on respiration in divers. Morrison JB, et al. **Undersea Biomed Res** 1981 Dec; 8(4):209–17

A pilot study of skin disinfection in the hyperbaric environment. Nichols G, et al. **Undersea Biomed Res** 1981 Dec;8(4):239–43

Pressure equilibration of the middle ear during ascent. Ornhagen HC, et al. **Undersea Biomed Res** 1981 Dec;8(4):219–27

[Effects of variations in the ascending speed on the production of circulating gas bubbles after compressed–air diving] Marroni A, et al. **Minerva Med** 1981 Dec 30;72(52):3567–72 (Eng. Abstr.) **(Ita)**

[Considerations on 209 cases of decompression sickness treated in Italian hyperbaric centers in 1978 and 1979] Marroni A, et al. **Minerva Med** 1981 Dec 30;72(52):3595–9 (Eng. Abstr.) **(Ita)**

[Effects and dangers of hyperventilation] Odaglia G. **Minerva Med** 1981 Dec 30;72(52):3579–87 (Eng. Abstr.) **(Ita)**

[Comparative analysis of radiographic data of 'structural changes' in the bones of divers and non–divers] Oriani G, et al. **Minerva Med** 1981 Dec 30;72(52):3573–8 (Eng. Abstr.) **(Ita)**

[A Lance–Adams syndrome of a diver (author's transl)] Yoshida Y, et al. **No To Shinkei** 1981 Oct;33(10):1051–6 (Eng. Abstr.) **(Jpn)**

[Baromedicine––a current research field] Hesser CM. **Lakartidningen** 1981 Sep 16;78(38):3271–4 (Eng. Abstr.) **(Swe)**

DOPING IN SPORTS

The use of combined high performance liquid chromatography negative ion chemical ionization mass spectrometry to confirm the administration of synthetic corticosteroids to horses. Houghton E, et al. **Biomed Mass Spectrom** 1981 Nov; 8(11):558–64

Structural alterations of liver parenchyma induced by anabolic steroids. Stang–Voss C, et al. **Int J Sports Med** 1981 May; 2(2):101–5

Gas/liquid chromatographic analysis of pemoline in biological fluids using electron capture detection. Igwe OJ, et al. **J Chromatogr Sci** 1981 Dec;19(12):617–24

ECHOCARDIOGRAPHY

Radionuclide angiographic exercise left ventricular performance in chronic aortic regurgitation: relationship to resting echographic ventricular dimensions and systolic wall stress index. Lewis SM, et al. **Am Heart J** 1982 Apr;103(4 Pt 1):498–504

False positive stress tests due to undetected left ventricular hypertrophy. Wroblewski EM, et al. **Am J Epidemiol** 1982 Mar; 115(3):412–7

Hang–out time of pulmonary valve in d–transposition of great arteries. Fouron JC, et al. **Br Heart J** 1982 Mar;47(3):277–80

Non–invasive assessment of changes in left ventricular relaxation by combined phono–, echo–, and mechanocardiography. Mattheos M, et al. **Br Heart J** 1982 Mar;47(3):253–60

Noninvasive assessment of patients with ischemic heart disease. Crawford MH. **Curr Probl Cardiol** 1981 Oct;6(7):1–50

Comparative echocardiographic examinations in sitting and supine position at rest and during dynamic exercise. Dickhuth HH, et al. **Int J Sports Med** 1981 Aug;2(3):178–81

Cardiac dimensions and performance after either arm or leg endurance training. Thompson PD, et al. **Med Sci Sports Exerc** 1981;13(5):303–9

Non–invasive cardiovascular assessment of indapamide in patients with essential hypertension. Dunn FG, et al. **Postgrad Med J** 1981;57 Suppl 2:19–22

[Echocardiographic study of left ventricular performance during sitting bicycle exercise (author's transl)] Corallo S, et al. **G Ital Cardiol** 1981;11(8):1072–82 (Eng. Abstr.) **(Ita)**

[Hemodynamic responses to supine bicycle exercise in juvenile hypertensive subjects: an echocardiographic assessment (author's transl)] Imataka K, et al. **J Cardiogr** 1981 Jun;11(2):449–56 (Eng. Abstr.) **(Jpn)**

[Handgrip–exercise echocardiography for the diagnosis of ischemic

PHYSICAL FITNESS/SPORTS MEDICINE

ECHOCARDIOGRAPHY

heart disease (author's transl)] Mitamura H. **Kokyu To Junkan** 1981 Oct;29(10):1099–107 (Eng. Abstr.) (Jpn)

ELBOW

Isokinetic strength, endurance, and fiber type composition in elite American paddlers. Clarkson PM, et al. **Eur J Applied Physiol** 1982;48(1):67–76

Evaluation of maximal and submaximal static muscle exertions. Kroemer KH, et al. **Hum Factors** 1981 Dec;23(6):643–53

A kinetic analysis of sprinting. Mann RV. **Med Sci Sports Exerc** 1981;13(5):325–8

ELBOW JOINT

Muscles across the elbow joint: a biomechanical analysis. An KN, et al. **J Biomech** 1981;14(10):659–69

The effect of elbow angle on the isometric strength and endurance of the elbow flexors in men and women. Petrofsky JS, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):125–31

[Epicondylalgias: a single disease or syndromes with multiple etiopathogenesis?] Baccarani G, et al. **Arch Putti Chir Organi Mov** 1980;30:343–50 (15 ref.) (Eng. Abstr.) (Ita)

ELECTROCARDIOGRAPHY

Computer analysis of the exercise ECG: new aspects. Block P, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:29–36

Application of a temporal Fourier transform for evaluation of regional wall motion disturbances by radionuclide ventriculography at rest and at exercise. Bossuyt A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:105–11

Effect of image computer processing on the sensitivity and specificity of stress myocardial scintigraphy. Lenaers A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:95–103

Post exercise T wave changes in patients with normal and abnormal coronary arteriogram. Forssel G, et al. **Acta Med Scand** 1981; 210(6):451–4

Investigation of the mechanisms and consequences of transient myocardial ischaemia. Allan RM, et al. **Acta Med Scand [Suppl]** 1981;651:133–8

The multifactorial approach to myocardial salvage. The experience from diving seals. Kjekshus JK, et al. **Acta Med Scand [Suppl]** 1981;651:49–57

Comparison of platelet function during exercise in normal subjects and coronary artery disease patients: Potential role of platelet activation in myocardial ischemia. Mehta J, et al. **Am Heart J** 1982 Jan;103(1):49–53

Prevalence and significance of reversible radionuclide ischemic perfusion defects in symptomatic aortic valve disease patients with or without concomitant coronary disease. Pfisterer M, et al. **Am Heart J** 1982 Jan;103(1):92–6

Comparative analysis of physiologic responses to three different maximal graded exercise test protocols in healthy women. Pollock ML, et al. **Am Heart J** 1982 Mar;103(3):363–73

Efficacy of diltiazem in angina on effort: a multicenter trial. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):567–72

Divergent effects of diltiazem in patients with exertional angina. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):538–46

Alterations in mechanical properties of rat papillary muscle during maturation. Capasso JM, et al. **Am J Physiol** 1982 Mar; 242(3):H359–64

Relationship of resting ejection fraction and extent of coronary arterial disease with changes of QRS amplitude during exercise stress testing. Moreyra AE, et al. **Angiology** 1981 Nov; 32(11):788–96

The heart score theory in the racehorse. Stewart GA. **Aust Vet J** 1981 Sep;57(9):422–8 (33 ref.)

Acceleration induced voltage variations in the electrocardiogram during exhaustive simulated aerial combat maneuvering. Whinnery JE. **Aviat Space Environ Med** 1982 Feb; 53(2):147–52

Non–invasive assessment of changes in left ventricular relaxation by combined phono–, echo–, and mechanocardiography. Mattheos M, et al. **Br Heart J** 1982 Mar;47(3):253–60

Interrelation of heart rate and autonomic activity in asymptomatic men with unobstructed coronary arteries. Studies with atrial pacing, adrenaline infusion, and autonomic blockade. Taggart P, et al. **Br Heart J** 1982 Jan;47(1):19–25

Ambulatory electrocardiographic recording in endurance athletes. Viitasalo MT, et al. **Br Heart J** 1982 Mar;47(3):213–20

Segmental quantitative analysis of digital thallium–201 myocardial scintigrams in diagnosis of coronary artery disease. Comparison with rest and exercise electrocardiography and coronary arteriography. Wainwright RJ, et al. **Br Heart J** 1981 Nov; 46(5):478–85

Methodology devised for a program to improve efficiency and reduce risks for wheelchair locomotion. Glaser RM, et al. **Bull Prosthet Res** 1981 Spring;18(1):63–8

Prognostic values of exercise testing and drug effects on the exercise ECG. **Cardiology** 1981;68 Suppl 2:1–214

Polarcardiographic (triaxicardiometric) study on the effect of isosorbide dinitrate on exercise–induced myocardial ischemia. Antalóczy Z, et al. **Cardiology** 1981;68 Suppl 2:147–52

Prognosis of women with exercise–induced ECG changes—results from a longitudinal population study. Bengtsson C, et al. **Cardiology** 1981;68 Suppl 2:9–14

Predictive value of symptom–limited exercise for risk assessment of primary and secondary events due to coronary heart disease in men. Bruce RA, et al. **Cardiology** 1981;68 Suppl 2:15–26

Evaluation of antianginal drug treatment by precordial exercise electrocardiography. Cokkinos DV, et al. **Cardiology** 1981; 68 Suppl 2:141–6

Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. Deanfield J, et al. **Cardiology** 1981; 68 Suppl 2:186–9

Prognostic value of exercise testing: a 6–year follow–up in post–myocardial infarction patients. De Backer GG, et al. **Cardiology** 1981;68 Suppl 2:71–7

Analysis of exercise–induced R–wave–amplitude changes in detection of coronary artery disease in patients with typical or atypical chest pain under digitalis treatment. Degre S, et al. **Cardiology** 1981;68 Suppl 2:178–85

Incidence and prognostic implications of severe ventricular arrhythmias during maximal exercise testing. Detry JM, et al. **Cardiology** 1981;68 Suppl 2:35–43

Multivariate approach to the treadmill stress test: prospective study. Ellestad MH, et al. **Cardiology** 1981;68 Suppl 2:27–34

The dose–response effects of nifedipine of ST–segment changes in exercise testing: preliminary studies. Fox KM, et al. **Cardiology** 1981;68 Suppl 2:209–12

The angina pectoris threshold heart rate as a prognostic sign. Results of a 5–year follow–up. Hayet M, et al. **Cardiology** 1981; 68 Suppl 2:78–83

Treadmill exercise protocols to demonstrate effectiveness of nitrate drugs in relief of angina pectoris; duration of action and degree of functional enhancement. Kattus AA. **Cardiology** 1981; 68 Suppl 2:161–8

Exercise testing in patients with valve replacement. Kraus F, et al. **Cardiology** 1981;68 Suppl 2:91–8

On–line computer–assisted exercise mapping. Murray RG, et al. **Cardiology** 1981;68 Suppl 2:133–40

Results of exercise tests and prognosis in postinfarction patients below age 40. Samek L, et al. **Cardiology** 1981; 68 Suppl 2:84–90

Evaluation of effect of drugs on the exercise ECG. Sanchez–Cascos A. **Cardiology** 1981;68 Suppl 2:190–4

Antianginal effect of nifedipine after intracoronary and intravenous administration judged by reduction of ischemic ST–segment depression in exercise tests. Schulz W, et al. **Cardiology** 1981; 68 Suppl 2:200–8

The effects of drugs on the exercise electrocardiogram. Simoons ML, et al. **Cardiology** 1981;68 Suppl 2:124–32

Prognostic value of thallium–201 stress myocardial scintigraphy with exercise ECG after myocardial infarction. Smeets JP, et al. **Cardiology** 1981;68 Suppl 2:67–70

Exercise hemodynamics 1 month, 2 months and 1 year after myocardial infarction: prognostic considerations. Tavazzi L, et al. **Cardiology** 1981;68 Suppl 2:53–66

Exercise testing after nontransmural myocardial infarction. Coronary angiographic and prognostic correlations. Vecchio C, et al. **Cardiology** 1981;68(4):218–32

Nine years' follow–up of a maximal exercise test in a random population sample of middle–aged men. Wilhelmsen L, et al. **Cardiology** 1981;68 Suppl 2:1–8

Value of exercise testing for prediction of physical and psychosocial rehabilitation potential 3 months after acute myocardial infarction. Zilcher H, et al. **Cardiology** 1981; 68 Suppl 2:49–52

The nitroglycerin exercise test. Zohman LR, et al. **Cardiology** 1981; 68 Suppl 2:169–77

Survival of patients with a strongly positive exercise electrocardiogram. Dagenais GR, et al. **Circulation** 1982 Mar; 65(3):452–6

Right atrial pacing soon after myocardial infarction. Tzivoni D, et al. **Circulation** 1982 Feb;65(2):330–5

Noninvasive assessment of patients with ischemic heart disease. Crawford MH. **Curr Probl Cardiol** 1981 Oct;6(7):1–50

Exercise and sudden death–part I. McManus BM, et al. **Curr Probl Cardiol** 1981 Dec;6(9):1–89

Exercise and sudden– part II. McManus BM, et al. **Curr Probl Cardiol** 1982 Jan;6(10):1–57

The child with heart disease: play, recreation, and sports. Strong WB, et al. **Curr Probl Cardiol** 1981 Nov;6(8):1–38

Functional state of the cardiovascular system, ventilation, and gas exchange during standard physical work in different age periods. Ivanov LA. **Hum Physiol** 1981 Mar–Apr;7(2):99–103

The value of thallium exercise testing in patients with coronary artery disease. McCarthy DM. **Int J Cardiol** 1981;1(1):7-14 (20 ref.)

Electrocardiographic changes after long-term treatment with sotalol in hypertensive patients. Castro M, et al. **Int J Clin Pharmacol Ther Toxicol** 1982 Feb;20(2):88-91

Selection of patients for coronary arteriography with thallium-201: operating position on the receiver operating characteristic curve. Nusynowitz ML, et al. **Int J Nucl Med Biol** 1981; 8(2-3):204-8

A physiological comparison of young and older endurance athletes. Heath GW, et al. **J Appl Physiol** 1981 Sep;51(3):634-40

Orthostatic fluid-electrolyte and endocrine responses in fainters and nonfainters. Shvartz E, et al. **J Appl Physiol** 1981 Dec; 51(6):1404-10

Firefighters' reaction to alarm, an ECG and heart rate study. Kuorinka I, et al. **JOM** 1981 Nov;23(11):762-6

Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235-44

Treadmill stress test using body surface mapping in coronary artery disease—the clinical significance of ST depression. Kubota I, et al. **Jpn Circ J** 1982 Jan;46(1):8-15

The value of postcardiac infarction exercise stress testing: identification of a group at high risk. Srinivasan M, et al. **Med J Aust** 1981 Oct 31;2(9):466-7

Long-term Holter ECG monitoring of athletes. Hanne-Paparo N, et al. **Med Sci Sports Exerc** 1981;13(5):294-8

Electrocardiographic and metabolic investigations concerning the exhaustive exercise under conditions of adrenergic blocking in rats. Schneider F, et al. **Physiologie** 1982 Jan-Mar;19(1):31-3

Lack of correlation between the clinical assessment of cardiovascular status and exercise electrocardiography. Davidoff R, et al. **S Afr Med J** 1982 Apr 10;61(15):542-3

Correlation of ventricular ectopic activity and exercise-related ST-segment changes. Davidoff R, et al. **S Afr Med J** 1982 Apr 10;61(15):539-42

[Prognosis of ischemic coronary disease. The significance of submaximal ECG stress tests and coronarography findings] Fabián J, et al. **Vnitr Lek** 1981 Dec;27(12):1167-76 (Eng. Abstr.) (Cze)

[Myocardial scintigraphy with Tc-99m-diphosphonate in patients with coronary heart disease: a comparison with ECG and hemodynamic examinations at rest and during exertion] Neumann G, et al. **Cor Vasa** 1981;23(6):467-72 (Eng. Abstr.) (Ger)

[Principles of ergometry. - Part II: criteria for assessment of the exercise test. Criteria for interpretation (author's transl)] Niederberger M. **Herz** 1982 Feb;7(1):20-8 (114 ref.) (Eng. Abstr.) (Ger)

[Principles of ergometry. Part I. Physiologic basis and methodology] Niederberger M. **Herz** 1982 Feb;7(1):1-19 (Eng. Abstr.) (Ger)

[Rhythm disorders in the rehabilitation phase after myocardial infarct] Künzler A, et al. **Schweiz Med Wochenschr** 1981 Dec 12;111(50):1962-4 (Eng. Abstr.) (Ger)

[Comparison between holter dynamic ECG and exercise stress test in the evaluation of ventricular arrhythmias in patients with ischaemic heart disease (author's transl)] Minardi G, et al. **G Ital Cardiol** 1981;11(8):1063-71 (Eng. Abstr.) (Ita)

[Acebutolol in the treatment of stress-reactive hypertension. A medium term open study] Bondi S, et al. **Minerva Med** 1982 Jan 14;73(1-2):61-6 (Eng. Abstr.) (Ita)

[Hypotension caused by effort] Bondi S, et al. **Minerva Med** 1982 Jan 14;73(1-2):67-70 (Eng. Abstr.) (Ita)

[Study of the left ventricular function using a polygraphic method in patients with systemic arterial hypertension] Schirripa V, et al. **Minerva Med** 1982 Jan 14;73(1-2):77-80 (Eng. Abstr.) (Ita)

[Cineangiographical and histopathological studies on hypertrophic myocardial disease with giant negative T wave (author's transl)] Kudo K, et al. **J Cardiogr** 1981 Sep;11(3):837-46 (Eng. Abstr.) (Jpn)

[The clinical significance of exercise-induced ST-segment elevation-electrocardiographic and arteriographic evaluation in 23 patients (author's transl)] Aizawa T, et al. **Kokyu To Junkan** 1981 Nov;29(11):1203-11 (Eng. Abstr.)(Jpn)

[Value of the determination of the R wave amplitude and QRS complex after submaximal physical exertion in the diagnosis of coronary disease] Markiewicz M, et al. **Wiad Lek** 1981 Sep 15; 34(18):1493-8 (Eng. Abstr.) (Pol)

[Action of verapamil as a hypotensive agent - analysis of the arterial pressure curve in the cycloergometric test] Candau LA, et al. **Arq Bras Cardiol** 1981 Mar;36 Suppl 1:18-23 (Eng. Abstr.) (Por)

[Apex cardiography in evaluating the subendocardiac blood flow and coronary reserve in a comparison with coronary radiography and bicycle ergometry data in ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1982 Jan;22(1):57-9 (Eng. Abstr.)(Rus)

[Clinical instrumental diagnosis of ischemic heart disease in patients with unaltered coronary arteries] Makolkin VI, et al. **Kardiologiia** 1982 Jan;22(1):15-8 (Eng. Abstr.) (Rus)

[Therapeutic physical exercise in the combined treatment of hypertension and alimentary obesity] Luganskii IuN, et al. **Vrach Delo** 1982 Feb;(2):54-7 (Eng. Abstr.) (Rus)

[Comparison between the treadmill exercise test and atrial stimulation with measurements of plasma catecholamines in patients with angina pectoris] Trevethan S, et al. **Arch Inst Cardiol Mex** 1981 Sep-Oct;51(5):415-22 (Eng. Abstr.) (Spa)

[Exercise test in chronic Chagas' cardiomyopathy. Its value in the early diagnosis. The behavior of ventricular arrhythmias and conduction disorders due to exercise in the more advanced stages of the disease] Molina A, et al. **Arq Bras Cardiol** 1981 Feb; 36(2):95-100 (Eng. Abstr.) (Spa)

ELECTROMYOGRAPHY

Dependence of the potentials obtained by averaging of the summated EMG from different factors. Gydikov A. **Acta Physiol Pharmacol Bulg** 1980;6(4):3-12

Resetting of tremor by mechanical perturbations: a comparison of essential tremor and parkinsonian tremor. Lee RG, et al. **Ann Neurol** 1981 Dec;10(6):523-31

Integrated electromyographic activity and biting force during rapid isometric contraction of fatigued masseter muscle in man. Kawazoe Y, et al. **Arch Oral Biol** 1981;26(10):795-801

Facilitation of monosynaptic reflexes by voluntary contraction of muscle in remote parts of the body. Mechanisms involved in the Jendrassik Manoeuvre. Delwaide PJ, et al. **Brain** 1981 Dec; 104(Pt 4):701-9

Somatosensory unit input to the spinal cord during normal walking. Loeb GE. **Can J Physiol Pharmacol** 1981 Jul;59(7):627-35

Functional evaluation of Rolfing in cerebral palsy. Perry J, et al. **Dev Med Child Neurol** 1981 Dec;23(6):717-29

Work load and fatigue in repetitive arm elevations. Hagberg M. **Ergonomics** 1981 Jul;24(7):543-55

Maximum isokinetic ankle plantar and dorsal flexion torques in trained subjects. Fugl-Meyer AR. **Eur J Applied Physiol** 1981; 47(4):393-404

Synergy between bifunctional muscles at the ankle joint. Pérot C, et al. **Eur J Applied Physiol** 1982;48(1):59-65

Effect of antagonistic contractions on the reflex response of a bifunctional muscle. Pérot C, et al. **Eur J Applied Physiol** 1982; 48(1):51-8

Stabilization of human posture during induced oscillations of the body. Diener HC, et al. **Exp Brain Res** 1982;45(1-2):126-32

The control of rapid limb movement in the cat. III. Agonist - antagonist coupling. Ghez C, et al. **Exp Brain Res** 1982; 45(1-2):115-25

Guinea pig soleus and gastrocnemius electromyograms at varying speeds, grades, and loads. Gardiner KR, et al. **J Appl Physiol** 1982 Feb;52(2):451-7

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep; 51(3):557-64

EMG to force processing I: An electrical analogue of the Hill muscle model. Hof AL, et al. **J Biomech** 1981;14(11):747-58

EMG to force processing IV: Eccentric-concentric contractions on a spring-flywheel set up. Hof AL, et al. **J Biomech** 1981; 14(11):787-92

EMG to force processing II: Estimation of parameters of the Hill muscle model for the human triceps surae by means of a calfergometer. Hof AL, et al. **J Biomech** 1981;14(11):759-70

Functional differentiation within the tensor fasciae latae. A telemetered electromyographic analysis of its locomotor roles. Paré EB, et al. **J Bone Joint Surg [Am]** 1981 Dec; 63-A(9):1457-71

Muscle fatigue in relation to EMG during repeated and maintained maximal isometric contractions. Oda S, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):175-81

Antiparetic and antispastic effects induced by tizanidine in patients with spastic paresis. Knutsson E, et al. **J Neurol Sci** 1982 Feb; 53(2):187-204

Load compensating responses of human abdominal muscles. Lansing RW, et al. **J Physiol (Lond)** 1981 Nov;320:253-68

EMG related to anaerobic threshold. Miyashita M, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):209-17

Traumatic closed femoral nerve neuropathy. Brozin IH, et al. **J Trauma** 1982 Feb;22(2):158-60

Anaerobic threshold determination by blood lactate and myoelectric signals. Nagata A, et al. **Jpn J Physiol** 1981; 31(4):585-97

Impairment of motor recovery after late nerve suture: experimental study in the rabbit. Part I: functional and electromyographic findings. Richter HP. **Neurosurgery** 1982 Jan;10(1):70-4

Deglutition. Miller AJ. **Physiol Rev** 1982 Jan;62(1):129-84 (401 ref.)

ENERGY METABOLISM

Skeletal muscle adaptation to aging and to respiratory and liver failure. Möller P. **Acta Med Scand [Suppl]** 1982;654:1-40

PHYSICAL FITNESS/SPORTS MEDICINE

ENERGY METABOLISM

Autoregulatory homeostatic nature of energy balance. Sukhatme PV, et al. **Am J Clin Nutr** 1982 Feb;35(2):355–65

Sense and nonsense about the Fenn effect. Rall JA. **Am J Physiol** 1982 Jan;242(1):H1–6

Enzyme activities in skeletal muscle of 13–15 years old adolescents. Haralambie G. **Bull Eur Physiopathol Respir** 1982 Jan–Feb; 18(1):65–74

Daily energy expenditure of young boys as related to maximal aerobic power. Cunningham DA, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):207–11

The mechanical efficiency of wheelchair dependent women during wheelchair ergometry. Knowlton RG, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):187–90

Pathophysiology of cancer cachexia: current understanding and areas for future research. DeWys WD. **Cancer Res** 1982; 42(2 Suppl):721s–726s

Nutrition and the respiratory system. Askanazi J, et al. **Crit Care Med** 1982 Mar;10(3):163–72 (124 ref.)

Functional evaluation of Rolfing in cerebral palsy. Perry J, et al. **Dev Med Child Neurol** 1981 Dec;23(6):717–29

A physiological study of manual lifting of loads in Indians. Samanta A, et al. **Ergonomics** 1981 Jul;24(7):557–64

Adult age trends in athletic performances. Stones MJ, et al. **Exp Aging Res** 1981 Fall;7(3):269–80

Heat, mechanics, and myosin ATPase in normal and hypertrophied heart muscle. Alpert NR, et al. **Fed Proc** 1982 Feb; 41(2):192–8

Energetics of mammalian fast and slow twitch muscles. Barclay JK. **Fed Proc** 1982 Feb;41(2):189–91

Chemical Energetics of contraction in mammalian smooth muscle. Butler TM, et al. **Fed Proc** 1982 Feb;41(2):204–8

Isolated while heart calorimetry: energetics of length–dependent activation. Coulson RL. **Fed Proc** 1982 Feb;41(2):199–203

Chemical energy balance in amphibian and mammalian skeletal muscles: introduction. Kushmerick MJ. **Fed Proc** 1982 Feb; 41(2):147–8

Chemical energy balance in amphibian and mammalian muscles. Kushmerick MJ, et al. **Fed Proc** 1982 Feb;41(2):163–8

Energetic patterns of normally circulated mammalian muscle in situ. Stainsby WN. **Fed Proc** 1982 Feb;41(2):185–8

Muscle metabolism, lactate breaking point, and biomechanical features of endurance running. Komi PV, et al. **Int J Sports Med** 1981 Aug;2(3):148–53

Effects of treadmill running on oxidative capacity of regenerated skeletal muscle. Van Handel PJ, et al. **Int J Sports Med** 1981 May;2(2):92–6

Effect of physical training on exercise–induced sweating in women. Araki T, et al. **J Appl Physiol** 1981 Dec;51(6):1526–32

Myosin light chain phosphorylation is associated with a decrease in the energy cost for contraction in fast twitch mouse muscle. Crow MT, et al. **J Biol Chem** 1982 Mar 10;257(5):2121–4

Chemical energetics of slow– and fast–twitch muscles of the mouse. Crow MT, et al. **J Gen Physiol** 1982 Jan;79(1):147–66

Aerobic and anaerobic threshold of Japanese male adults. Nemoto I, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):183–9

Changes in the metabolic cost of standardized work associated with the use of an oral contraceptive. McNeill AW, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):238–44

Modulation of the action of insulin in relation to the energy state in skeletal muscle tissue: possible involvement of kinins and prostaglandins. Dietze GJ. **Mol Cell Endocrinol** 1982 Feb; 25(2):127–49 (203 ref.)

Energetics of isometric contraction in dystrophic fast and slow muscles. Nwoye LO, et al. **Muscle Nerve** 1982 Jan;5(1):69–72

Exercise and obesity: etiology, physiology, and intervention. Thompson JK, et al. **Psychol Bull** 1982 Jan;91(1):55–79

Interactions among dietary pattern, physical activity and skinfold thickness. Blair SN, et al. **Res Q Exerc Sport** 1981 Dec; 52(4):505–11

Metabolic responses to bicycle exercise after several days of physical work and energy deficiency. Rognum TO, et al. **Scand J Clin Lab Invest** 1981 Oct;41(6):565–71

The biochemical basis of obesity Rath EA. **Sci Prog** 1981 Autumn; 67(267):357–76 (110 ref.)

The energy expenditure of spina bifida children during walking and wheelchair ambulation. Evans EP, et al. **Z Kinderchir** 1981 Dec;34(4):425–7

[Energy expenditure of young athletes during certain functional states and muscle activity] Filippov MM, et al. **Gig Sanit** 1982; (1):23–5 (Eng. Abstr.) **(Rus)**

EPINEPHRINE

Response of plasma norepinephrine and epinephrine to dynamic exercise in patients with congestive heart failure. Francis GS, et al. **Am J Cardiol** 1982 Apr 1;49(5):1152–6

Control of diving responses by carotid bodies and baroreceptors in ducks. Lillo RS, et al. **Am J Physiol** 1982 Jan; 242(1):R105–8

Catecholamine release and blood pressure changes induced by exercise in dogfish. Opdyke DF, et al. **Am J Physiol** 1982 Mar; 242(3):R306–10

Interrelation of heart rate and autonomic activity in asymptomatic men with unobstructed coronary arteries. Studies with atrial pacing, adrenaline infusion, and autonomic blockade. Taggart P, et al. **Br Heart J** 1982 Jan;47(1):19–25

Plasma catecholamines in trained and untrained volunteers during graduated exercise. Lehmann M, et al. **Int J Sports Med** 1981 Aug;2(3):143–7

Plasma free and sulfate conjugated catecholamine levels during acute physiological stimulation in man. Joyce DA, et al. **Life Sci** 1982 Feb 1;30(5):447–54

Hypoglycemia during prolonged exercise in normal men. Felig P, et al. **N Engl J Med** 1982 Apr 15;306(15):895–900

[Changes in adrenaline and noradrenaline plasma levels in essential hypertension in relation to emotional and physical stress] Přikryl P, et al. **Vnitr Lek** 1982 Jan;28(1):1–9 (Eng. Abstr.) **(Cze)**

[The aerobic and anaerobic capacity of adolescents and catecholamine excretion during prolonged submaximal exercise (author's transl)] Lehmann M, et al. **Eur J Applied Physiol** 1982; 48(1):135–45 (Eng. Abstr.) **(Ger)**

EXERCISE, ISOMETRIC

Dependence of the potentials obtained by averaging of the summated EMG from different factors. Gydikov A. **Acta Physiol Pharmacol Bulg** 1980;6(4):3–12

Alterations in mechanical properties of rat papillary muscle during maturation. Capasso JM, et al. **Am J Physiol** 1982 Mar; 242(3):H359–64

Energy utilization by Limulus telson muscle at different sarcomere and A–band lengths. Davidheiser S, et al. **Am J Physiol** 1982 Mar;242(3):R394–400

Loading determinants of relaxation in cat papillary muscle. Goethals MA, et al. **Am J Physiol** 1982 Mar;242(3):H303–9

The effect of two years' training on aerobic power and muscle strength in male and female cadets. Daniels WL, et al. **Aviat Space Environ Med** 1982 Feb;53(2):117–21

Non–invasive assessment of changes in left ventricular relaxation by combined phono–, echo–, and mechanocardiography. Mattheos M, et al. **Br Heart J** 1982 Mar;47(3):253–60

Hemodynamic correlates of autonomic reflexes in patients with labile and fixed hypertension. Chrysant SG, et al. **Clin Exp Hypertens** 1981;3(6):1109–19

Baroreceptor stimulation and isometric exercise in normotensive and borderline hypertensive subjects. Suarez DH, et al. **Clin Sci** 1982 Mar;62(3):307–9

Response of blood pressure and plasma norepinephrine to propranolol, metoprolol and clonidine during isometric and dynamic exercise in hypertensive patients. Virtanen K, et al. **Eur J Clin Pharmacol** 1982;21(4):275–9

Evaluation of maximal and submaximal static muscle exertions. Kroemer KH, et al. **Hum Factors** 1981 Dec;23(6):643–53

Isokinetic strength training: comparison of daily and three times weekly patterns. Rozier CK, et al. **Int J Rehabil Res** 1981; 4(3):345–51

Vagal and sympathetic contributions to the heart rate at rest and during isometric and dynamic exercise in young healthy men. Nyberg G. **J Cardiovasc Pharmacol** 1981 Nov–Dec; 3(6):1243–50

Effects of bromocriptine on renin, aldosterone, and prolactin responses to posture and metoclopramide in idiopathic edema: possible therapeutic approach. Sowers J, et al. **J Clin Endocrinol Metab** 1982 Mar;54(3):510–6

Muscle fatigue in relation to EMG during repeated and maintained maximal isometric contractions. Oda S, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):175–81

The effect of elbow angle on the isometric strength and endurance of the elbow flexors in men and women. Petrofsky JS, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):125–31

Muscle energy technique: definition, explanation, methods of procedure. Goodridge JP. **JAOA** 1981 Dec;81(4):249–54

Energetics of isometric contraction in dystrophic fast and slow muscles. Nwoye LO, et al. **Muscle Nerve** 1982 Jan;5(1):69–72

Failure of anti–hypertensive drugs to control blood pressure rise with isometric exercise in hypertension. O'Hare JA, et al. **Postgrad Med J** 1981 Sep;57(671):552–5

The 1981 C. H. McCloy Research Lecture. Analysis of local muscular fatigue patterns. Kroll W. **Res Q Exerc Sport** 1981 Dec; 52(4):523–39

Relationship of isometric knee extension torque and functional variables in osteoarthrosis of the knee. Lankhorst GJ, et al. **Scand J Rehabil Med** 1982;14(1):7–10

Education and self-care of patients with low back pain. Kvien TK, et al. **Scand J Rheumatol** 1981;10(4):318–20

[Blood pressure during isometric exercise (author's transl)] Dvořák I, et al. **Cas Lek Cesk** 1981;120(52):1599–1601 (Eng. Abstr.) **(Cze)**

PHYSICAL FITNESS/SPORTS MEDICINE

EXERCISE TEST

Computer analysis of the exercise ECG: new aspects. Block P, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:29–36

Post exercise T wave changes in patients with normal and abnormal coronary arteriogram. Forssel G, et al. **Acta Med Scand** 1981; 210(6):451–4

Influence of relative humidity and repeated exercise on exercise–induced bronchoconstriction. Henriksen JM, et al. **Allergy** 1981 Oct;36(7):463–70

Reduction of submaximal exercise myocardial oxygen demand post–walk training program in coronary patients due to improved physical work efficiency. Dressendorfer RH, et al. **Am Heart J** 1982 Mar;103(3):358–62

Clinical significance of isolated coronary bridges: benign and frequent condition involving the left anterior descending artery. Kramer JR, et al. **Am Heart J** 1982 Feb;103(2):283–8

Radionuclide angiographic exercise left ventricular performance in chronic aortic regurgitation: relationship to resting echographic ventricular dimensions and systolic wall stress index. Lewis SM, et al. **Am Heart J** 1982 Apr;103(4 Pt 1):498–504

Comparison of platelet function during exercise in normal subjects and coronary artery disease patients: Potential role of platelet activation in myocardial ischemia. Mehta J, et al. **Am Heart J** 1982 Jan;103(1):49–53

Prevalence and significance of reversible radionuclide ischemic perfusion defects in symptomatic aortic valve disease patients with or without concomitant coronary disease. Pfisterer M, et al. **Am Heart J** 1982 Jan;103(1):92–6

Comparative analysis of physiologic responses to three different maximal graded exercise test protocols in healthy women. Pollock ML, et al. **Am Heart J** 1982 Mar;103(3):363–73

Walk–through angina phenomenon demonstrated by graded exercise radionuclide ventriculography: possible coronary spasm mechanisms. Rizi HR, et al. **Am Heart J** 1982 Feb; 103(2):292–5

Exercise responses before and after physical conditioning in patients with severely depressed left ventricular function. Conn EH, et al. **Am J Cardiol** 1982 Feb 1;49(2):296–300

Thallium–201 myocardial scintigraphy: improved sensitivity, specificity and predictive accuracy by application of a statistical image analysis algorithm. Faris JV, et al. **Am J Cardiol** 1982 Mar;49(4):733–42

Inability of exercise–induced R wave changes to predict coronary artery disease. Fox K, et al. **Am J Cardiol** 1982 Mar; 49(4):674–9

Can exercise electrocardiography and thallium–201 myocardial imaging exclude the diagnosis of coronary artery disease? Bayesian analysis of the clinical limits of exclusion and indications for coronary angiography. Patterson RE, et al. **Am J Cardiol** 1982 Apr 1;49(5):1127–35

Combined acebutolol/nifedipine therapy in patients with chronic coronary artery disease: additional improvement of ischemia–induced left ventricular dysfunction. Pfisterer M, et al. **Am J Cardiol** 1982 Apr 1;49(5):1259–66

Severe left main coronary arterial stenosis with right coronary arterial occlusion: results of bypass graft surgery. Rittenhouse EA, et al. **Am J Cardiol** 1982 Mar;49(4):645–50

Inability of a chest pain history questionnaire to predict coronary disease in the exercise laboratory [letter] Santinga JT. **Am J Cardiol** 1982 Mar;49(4 Pt 2):1084–5

Treadmill test supervision [letter] Yatteau RF. **Am J Cardiol** 1982 Apr 1;49(5):1376

Effect of a meal and previous exercise on the oxygen consumption/heart rate relationship [letter] Balwin K, et al. **Am J Clin Nutr** 1982 Jan;35(1):177–8

Exercise testing early after myocardial infarction. Risks and benefits. Miller DH, et al **Am J Med** 1982 Mar;72(3):427–38 (72 ref.)

Relationship of resting ejection fraction and extent of coronary arterial disease with changes of QRS amplitude during exercise stress testing. Moreyra AE, et al. **Angiology** 1981 Nov; 32(11):788–96

Continuous and intermittent running in the provocation of asthma. Morton AR, et al. **Ann Allergy** 1982 Feb;48(2):123–9

Exercise tests after myocardial infarction [letter] Agarwal AK. **Ann Intern Med** 1982 Feb;96(2):250

Radionuclide assessment of left ventricular function in patients requiring intraoperative balloon pump assistance. Davies RA, et al. **Ann Thorac Surg** 1982 Feb;33(2):123–31

Plasma high density lipoproteins HDL2, HDL3 and postheparin plasma lipases in relation to parameters of physical fitness. Kuusi T, et al. **Atherosclerosis** 1982 Feb;41(2–3):209–19

Isolated disease of left anterior descending coronary artery. Angiocardiographic and clinical study of 218 patients. Brooks N, et al. **Br Heart J** 1982 Jan;47(1):71–7

Myocardial infarct size and cardiac performance at exercise soon after myocardial infarction. Grande P, et al. **Br Heart J** 1982 Jan;47(1):44–50

Interrelation of heart rate and autonomic activity in asymptomatic men with unobstructed coronary arteries. Studies with atrial pacing, adrenaline infusion, and autonomic blockade. Taggart P, et al. **Br Heart J** 1982 Jan;47(1):19–25

Assessment of cardiac risk 10 days after uncomplicated myocardial infarction. Jelinek VM, et al. **Br Med J [Clin Res]** 1982 Jan 23; 284(6311):227–30

Plasma cyclic–AMP and cyclic–GMP response levels in diabetes mellitus subjected to Cooper's aerobic programmed treadmill test. Kawasaki T, et al. **Bull Osaka Med Sch** 1980 Oct; 26(2):88–100

Central and peripheral adaptations of the gas transport system to one–leg training. Thomas SG, et al. **Can J Physiol Pharmacol** 1981 Nov;59(11):1146–54

Prognostic values of exercise testing and drug effects on the exercise ECG. **Cardiology** 1981;68 Suppl 2:1–214

Polarcardiographic (triaxicardiometric) study on the effect of isosorbide dinitrate on exercise–induced myocardial ischemia. Antalóczy Z, et al. **Cardiology** 1981;68 Suppl 2:147–52

Prognosis of women with exercise–induced ECG changes—results from a longitudinal population study. Bengtsson C, et al. **Cardiology** 1981;68 Suppl 2:9–14

Predictive value of symptom–limited exercise testing for life expectancy in inoperable coronary patients with disabling angina. Broustet JP, et al. **Cardiology** 1981;68 Suppl 2:114–23

Predictive value of symptom–limited exercise for risk assessment of primary and secondary events due to coronary heart disease in men. Bruce RA, et al. **Cardiology** 1981;68 Suppl 2:15–26

Evaluation of antianginal drug treatment by precordial exercise electrocardiography. Cokkinos DV, et al. **Cardiology** 1981; 68 Suppl 2:141–6

Clinical implications of the blood pressure response to exercise. Comess KA, et al. **Cardiology** 1981;68(4):233–44 (26 ref.)

Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. Deanfield J, et al. **Cardiology** 1981; 68 Suppl 2:186–9

Prognostic value of exercise testing: a 6–year follow–up in post–myocardial infarction patients. De Backer GG, et al. **Cardiology** 1981;68 Suppl 2:71–7

Analysis of exercise–induced R–wave–amplitude changes in detection of coronary artery disease in patients with typical or atypical chest pain under digitalis treatment. Degre S, et al. **Cardiology** 1981;68 Suppl 2:178–85

Effects of nifedipine, acebutolol, and their association on exercise tolerance in patients with effort angina. De Ponti C, et al. **Cardiology** 1981;68 Suppl 2:195–9

Incidence and prognostic implications of severe ventricular arrhythmias during maximal exercise testing. Detry JM, et al. **Cardiology** 1981;68 Suppl 2:35–43

Multivariate approach to the treadmill stress test: prospective study. Ellestad MH, et al. **Cardiology** 1981;68 Suppl 2:27–34

The dose–response effects of nifedipine of ST–segment changes in exercise testing: preliminary studies. Fox KM, et al. **Cardiology** 1981;68 Suppl 2:209–12

The angina pectoris threshold heart rate as a prognostic sign. Results of a 5–year follow–up. Hayet M, et al. **Cardiology** 1981; 68 Suppl 2:78–83

Left ventricular function during exercise before and after bypass surgery. Hirzel HO, et al. **Cardiology** 1981;68 Suppl 2:99–107

Treadmill exercise protocols to demonstrate effectiveness of nitrate drugs in relief of angina pectoris; duration of action and degree of functional enhancement. Kattus AA. **Cardiology** 1981; 68 Suppl 2:161–8

Exercise testing in patients with valve replacement. Kraus F, et al. **Cardiology** 1981;68 Suppl 2:91–8

On–line computer–assisted exercise mapping. Murray RG, et al. **Cardiology** 1981;68 Suppl 2:133–40

Results of exercise tests and prognosis in postinfarction patients below age 40. Samek L, et al. **Cardiology** 1981; 68 Suppl 2:84–90

Evaluation of effect of drugs on the exercise ECG. Sanchez–Cascos A. **Cardiology** 1981;68 Suppl 2:190–4

Antianginal effect of nifedipine after intracoronary and intravenous administration judged by reduction of ischemic ST–segment depression in exercise tests. Schulz W, et al. **Cardiology** 1981; 68 Suppl 2:200–8

The effects of drugs on the exercise electrocardiogram. Simoons ML, et al. **Cardiology** 1981;68 Suppl 2:124–32

Prognostic value of thallium–201 stress myocardial scintigraphy with exercise ECG after myocardial infarction. Smeets JP, et al. **Cardiology** 1981;68 Suppl 2:67–70

Exercise hemodynamics 1 month, 2 months and 1 year after myocardial infarction: prognostic considerations. Tavazzi L, et al. **Cardiology** 1981;68 Suppl 2:53–66

Exercise testing after nontransmural myocardial infarction. Coronary angiographic and prognostic correlations. Vecchio C, et al. **Cardiology** 1981;68(4):218–32

Early load–limiting versus symptom–limited exercise testing: prognostic value in 200 myocardial infarction patients. Velasco JA, et al. **Cardiology** 1981;68 Suppl 2:44–8

PHYSICAL FITNESS/SPORTS MEDICINE

EXERCISE TEST

Nine years' follow-up of a maximal exercise test in a random population sample of middle-aged men. Wilhelmsen L, et al. **Cardiology** 1981;68 Suppl 2:1-8

Value of exercise testing for prediction of physical and psychosocial rehabilitation potential 3 months after acute myocardial infarction. Zilcher H, et al. **Cardiology** 1981; 68 Suppl 2:49-52

The nitroglycerin exercise test. Zohman LR, et al. **Cardiology** 1981; 68 Suppl 2:169-77

Evaluating the positive exercise stress test in the asymptomatic individual. Laslett LJ, et al. **Chest** 1982 Mar;81(3):364-7

Chest pain and rate-dependent left bundle branch block in patients with normal coronary arteriograms. Virtanen KS, et al. **Chest** 1982 Mar;81(3):326-31

Survival of patients with a strongly positive exercise electrocardiogram. Dagenais GR, et al. **Circulation** 1982 Mar; 65(3):452-6

Assessment of jeopardized myocardium in patients with one-vessel disease. Iskandrian AS, et al. **Circulation** 1982 Feb;65(2):242-7

Comparative value of the cold-pressor test and supine bicycle exercise to detect subjects with coronary artery disease using radionuclide ventriculography. Manyari DE, et al. **Circulation** 1982 Mar;65(3):571-9

Reversal of exercise-induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. Sarma RJ, et al. **Circulation** 1982 Apr;65(4):684-9

Right atrial pacing soon after myocardial infarction. Tzivoni D, et al. **Circulation** 1982 Feb;65(2):330-5

Exercise testing in patients with variant angina: results, correlation with clinical and angiographic features and prognostic significance. Waters DD, et al. **Circulation** 1982 Feb; 65(2):265-74

Comparison of oral and inhaled metaproterenol for prevention of exercise-induced asthma. König P, et al. **Clin Allergy** 1981 Nov; 11(6):597-604

Noninvasive assessment of patients with ischemic heart disease. Crawford MH. **Curr Probl Cardiol** 1981 Oct;6(7):1-50

The child with heart disease: play, recreation, and sports. Strong WB, et al. **Curr Probl Cardiol** 1981 Nov;6(8):1-38

Early exercise test for evaluation of long-term prognosis after uncomplicated myocardial infarction. Velasco J, et al. **Eur Heart J** 1981 Oct;2(5):401-7

Response of blood pressure and plasma norepinephrine to propranolol, metoprolol and clonidine during isometric and dynamic exercise in hypertensive patients. Virtanen K, et al. **Eur J Clin Pharmacol** 1982;21(4):275-9

The value of thallium exercise testing in patients with coronary artery disease. McCarthy DM. **Int J Cardiol** 1981;1(1):7-14 (20 ref.)

Comparison of sublingual nitroglycerine and isosorbide dinitrate ointment by radionuclide ventriculography. Lele RD, et al. **J Assoc Physicians India** 1981 Jun;29(6):447-56

Aerobic and anaerobic threshold of Japanese male adults. Nemoto I, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):183-9

Myoadenylate deaminase deficiency or not? Observations on two brothers with exercise-induced muscle pain. Hayes DJ, et al. **J Neurol Sci** 1982 Jan;53(1):125-36

Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235-44

Treadmill stress test using body surface mapping in coronary artery disease---the clinical significance of ST depression. Kubota I, et al. **Jpn Circ J** 1982 Jan;46(1):8-15

Clinical evaluation of stress myocardial scintigraphy with thallium-201 in patients with ischemic heart disease. Semiquantitative analysis of single dose myocardial imaging. Nakashima Y, et al. **Jpn Circ J** 1982 Mar;46(3):245-51

The value of postcardiac infarction exercise stress testing: identification of a group at high risk. Srinivasan M, et al. **Med J Aust** 1981 Oct 31;2(9):466-7

Medically treated coronary-artery disease [letter] **N Engl J Med** 1982 Mar 18;306(11):677-9

A study concerning adaptability in overweight puberal children. Petroiu A, et al. **Physiologie** 1982 Jan-Mar;19(1):35-9

Rehabilitation of the cardiac patient. Program phases and rationale. Winslow EB. **Postgrad Med** 1982 Feb;71(2):114-9, 122-7

Lack of correlation between the clinical assessment of cardiovascular status and exercise electrocardiography. Davidoff R, et al. **S Afr Med J** 1982 Apr 10;61(15):542-3

Correlation of ventricular ectopic activity and exercise-related ST-segment changes. Davidoff R, et al. **S Afr Med J** 1982 Apr 10;61(15):539-42

Exercise tolerance five years after coronary bypass surgery in relation to clinical and angiographic findings. Ivert T, et al. **Scand J Thorac Cardiovasc Surg** 1981;15(2):179-95

[Prognosis of ischemic coronary disease. The significance of submaximal ECG stress tests and coronarography findings] Fabián J, et al. **Vnitr Lek** 1981 Dec;27(12):1167-76 (Eng. Abstr.) (Cze)

[Stress test in forestry workers] Feitová S, et al. **Vnitr Lek** 1982 Jan;28(1):38-44 (Eng. Abstr.) (Cze)

[Early stress test after acute myocardial infarct] Stejfa M, et al. **Vnitr Lek** 1982 Jan;28(1):28-37 (Eng. Abstr.) (Cze)

[Exercise test in the differential diagnosis of ischemic heart disease in women] Zemánková J, et al. **Vnitr Lek** 1982 Feb; 28(2):142-51 (Eng. Abstr.) (Cze)

[An unusual association of supraventricular tachycardia and conduction disturbances during exercise testing (author's transl)] Heraudeau A, et al. **Ann Cardiol Angeiol (Paris)** 1982 Jan-Feb; 31(1):55-8 (Eng. Abstr.) (Fre)

[Lesional severity of post-infarction angina pectoris (author's transl)] Schurtz C, et al. **Ann Cardiol Angeiol (Paris)** 1981 Nov; 30(6):389-93 (Eng. Abstr.) (Fre)

[Physical fitness in diabetic adolescents (author's transl)] Baran D, et al. **Bull Eur Physiopathol Respir** 1982 Jan-Feb;18(1):51-8 (Eng. Abstr.) (Fre)

[Importance of the exercise electrocardiogram and of thallium scintigraphy of the myocardium in the evaluation of patients referred for percutaneous transluminal coronary angioplasty] Brévers G, et al. **Union Med Can** 1982 Jan;111(1):32-6, 78 (Eng. Abstr.) (Fre)

[Methodologic and exercise-physiologic principles of ergometry: value of noninvasive parameters in the detection of compromised exercise capacity due to heart disease (author's transl)] Franz IW, et al. **Herz** 1982 Feb;7(1):29-41 (29 ref.) (Eng. Abstr.) (Ger)

[Ergometry in childhood. Normal values and use in paediatric cardiology (author's transl)] Mocellin R. **Herz** 1982 Feb; 7(1):42-9 (28 ref.) (Eng. Abstr.) (Ger)

[Principles of ergometry. - Part II: criteria for assessment of the exercise test. Criteria for interpretation (author's transl)] Niederberger M. **Herz** 1982 Feb;7(1):20-8 (114 ref.) (Eng. Abstr.) (Ger)

[Principles of ergometry. Part I. Physiologic basis and methodology] Niederberger M. **Herz** 1982 Feb;7(1):1-19 (Eng. Abstr.) (Ger)

[Rhythm disorders in the rehabilitation phase after myocardial infarct] Künzler A, et al. **Schweiz Med Wochenschr** 1981 Dec 12;111(50):1962-4 (Eng. Abstr.) (Ger)

[Correlation between ergometric tests and coronary radiography] Ferrante MR, et al. **Boll Soc Ital Cardiol** 1980;25(12):1389-95 (Eng. Abstr.) (Ita)

[Identification of high-risk patients with myocardial infarct, using clinical data and exercise tests] Greco R, et al. **Boll Soc Ital Cardiol** 1980;25(11):1315-23 (Eng. Abstr.) (Ita)

[Diagnostic value of the exercise test and of hyperpnea in women suspected of ischemic cardiopathy] Melacini P, et al. **Boll Soc Ital Cardiol** 1980;25(11):1325-30 (Eng. Abstr.) (Ita)

[Quantitative analysis of the ECG exercise test by CPU: description of the method and preliminary results] Puccini E, et al. **Boll Soc Ital Cardiol** 1980;25(11):1331-42 (Eng. Abstr.) (Ita)

[Indications for the use of phosphocreatine in cardiology] Pinelli G, et al. **Clin Ter** 1982 Feb 15;100(3):261-79 (Eng. Abstr.) (Ita)

[The diagnostic value of QRS and ST changes during exercise. A study in normal subjects and coronary patients (author's transl)] Bertoni T, et al. **G Ital Cardiol** 1981;11(6):776-85 (31 ref.) (Eng. Abstr.) (Ita)

[Echocardiographic study of left ventricular performance during sitting bicycle exercise (author's transl)] Corallo S, et al. **G Ital Cardiol** 1981;11(8):1072-82 (Eng. Abstr.) (Ita)

[Limitations of long-term treatment with vasodilator agents in increasing maximum functional capacity in patients with left ventricular insufficiency] Gronda E, et al. **G Ital Cardiol** 1981; 11(6):803-11 (Eng. Abstr.) (Ita)

[Comparison between holter dynamic ECG and exercise stress test in the evaluation of ventricular arrhythmias in patients with ischaemic heart disease (author's transl)] Minardi G, et al. **G Ital Cardiol** 1981;11(8):1063-71 (Eng. Abstr.) (Ita)

[Exercise test in 100 healthy children between 5 and 12 years of age (author's transl)] Pirelli S, et al. **G Ital Cardiol** 1981; 11(6):719-23 (Eng. Abstr.) (Ita)

[Acebutolol in the treatment of stress-reactive hypertension. A medium term open study] Bondi S, et al. **Minerva Med** 1982 Jan 14;73(1-2):61-6 (Eng. Abstr.) (Ita)

[Hypotension caused by effort] Bondi S, et al. **Minerva Med** 1982 Jan 14;73(1-2):67-70 (Eng. Abstr.) (Ita)

[Hemodynamic responses to supine bicycle exercise in juvenile hypertensive subjects: an echocardiographic assessment (author's transl)] Imataka K, et al. **J Cardiogr** 1981 Jun;11(2):449-56 (Eng. Abstr.) (Jpn)

[The clinical significance of exercise-induced ST-segment elevation-electrocardiographic and arteriographic evaluation in 23 patients (author's transl)] Aizawa T, et al. **Kokyu To Junkan** 1981 Nov;29(11):1203-11 (Eng. Abstr.)(Jpn)

[Acute hemorrhagic myocardial infarction following treadmill exercise test (author's transl)] Fukami K, et al. **Kokyu To Junkan** 1981 Nov;29(11):1249-55 (Eng. Abstr.)(Jpn)

[The role of the exercise test in angina pectoris associated with coronary arterial spasm (author's transl)] Fukami K, et al. **Kokyu To Junkan** 1981 Nov;29(11):1213–9 (Eng. Abstr.) **(Jpn)**

[Changes of effort capacity in women professionally working in conditions of varying energetic expenses (author's transl)] Drewczyński A. **Przegl Lek** 1981;38(9):685–8 (Eng. Abstr.) **(Pol)**

[Value of the determination of the R wave amplitude and QRS complex after submaximal physical exertion in the diagnosis of coronary disease] Markiewicz M, et al. **Wiad Lek** 1981 Sep 15; 34(18):1493–8 (Eng. Abstr.) **(Pol)**

[Action of verapamil as a hypotensive agent – analysis of the arterial pressure curve in the cycloergometric test] Candau LA, et al. **Arq Bras Cardiol** 1981 Mar;36 Suppl 1:18–23 (Eng. Abstr.) **(Por)**

[Changes in the skin oxygen regimen and microcirculation as affected by the intensive physical training of myocardial infarct patients] Aronov DM, et al. **Kardiologiia** 1982 Jan;22(1):44–9 (Eng. Abstr.) **(Rus)**

[Apex cardiography in evaluating the subendocardiac blood flow and coronary reserve in a comparison with coronary radiography and bicycle ergometry data in ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1982 Jan;22(1):57–9 (Eng. Abstr.)**(Rus)**

[Comparative evaluation of bicycle ergometry and coronary radiography results in stenocardia as a function of the ECG ST segment reaction during physical loading] Gasilin VS, et al. **Kardiologiia** 1982 Jan;22(1):11–5 (Eng. Abstr.) **(Rus)**

[Clinical instrumental diagnosis of ischemic heart disease in patients with unaltered coronary arteries] Makolkin VI, et al. **Kardiologiia** 1982 Jan;22(1):15–8 (Eng. Abstr.) **(Rus)**

[Computer analysis of the physical loading test] Charchoglian RA, et al. **Sov Med** 1982;(1):3–7 (Eng. Abstr.) **(Rus)**

[Oxygen metabolic characteristics in chronic ischemic heart disease under physical loading] Malchuk EIu. **Sov Med** 1982;(1):7–10 (Eng. Abstr.) **(Rus)**

[Use of the treadmill maximum exercise test in school children] Dobo SS, et al. **Ter Arkh** 1981;53(12):37–40 (Eng. Abstr.) **(Rus)**

[Use of the exercise test for determining the optimal dose of prolonged-action nitrates in patients with angina pectoris] Martsevich SIu, et al. **Ter Arkh** 1981;53(12):22–6 (Eng. Abstr.) **(Rus)**

[Hemodynamic indices in the measured physical loading of ischemic heart disease patients] Ianovskii GV, et al. **Vrach Delo** 1981 Dec;(12):42–4 (Eng. Abstr.) **(Rus)**

[Exercise-induced coronary artery spasm. Angiographic demonstration and results of medical treatment] García Rubí DE, et al. **Arch Inst Cardiol Mex** 1981 Nov–Dec;51(6):559–64 (Eng. Abstr.) **(Spa)**

[Comparison between the treadmill exercise test and atrial stimulation with measurements of plasma catecholamines in patients with angina pectoris] Trevethan S, et al. **Arch Inst Cardiol Mex** 1981 Sep–Oct;51(5):415–22 (Eng. Abstr.) **(Spa)**

[Exercise test in chronic Chagas' cardiomyopathy. Its value in the early diagnosis. The behavior of ventricular arrhythmias and conduction disorders due to exercise in the more advanced stages of the disease] Molina A, et al. **Arq Bras Cardiol** 1981 Feb; 36(2):95–100 (Eng. Abstr.) **(Spa)**

[Effect of amiodarone on ventricular arrhythmias evaluated by serial exercise testing (author's transl)] Corbalán R, et al. **Rev Med Chil** 1981 Apr;109(4):324–31 (Eng. Abstr.) **(Spa)**

EXERCISE THERAPY

Reduction of submaximal exercise myocardial oxygen demand post-walk training program in coronary patients due to improved physical work efficiency. Dressendorfer RH, et al. **Am Heart J** 1982 Mar;103(3):358–62

Exercise testing after nontransmural myocardial infarction. Coronary angiographic and prognostic correlations. Vecchio C, et al. **Cardiology** 1981;68(4):218–32

Cardiac rehabilitation update. Berra K. **Crit Care Update** 1982 Jan; 9(1):30–9

The child with heart disease: play, recreation, and sports. Strong WB, et al. **Curr Probl Cardiol** 1981 Nov;6(8):1–38

Isokinetic strength training: comparison of daily and three times weekly patterns. Rozier CK, et al. **Int J Rehabil Res** 1981; 4(3):345–51

The frequency of stress incontinence in women before and after the implementation of an exercise program. Hendrickson LS. **Issues Health Care Women** 1981 Mar–Apr;3(2):81–92

Rehabilitation after myocardial infarction [letter] Herxheimer A, et al. **Lancet** 1982 Feb 27;1(8270):505

The sports medicine patient. Garrick JG. **Nurs Clin North Am** 1981 Dec;16(4):759–66

Selected aspects of deconditioning secondary to immobilization. Lentz M. **Nurs Clin North Am** 1981 Dec;16(4):729–37

Current concepts of cardiac rehabilitation. Burke LE. **Occup Health Nurs** 1981 Dec;29(12):41–7

Rehabilitation of knee flexor and knee extensor muscle strength in patients with meniscectomies, ligamentous repairs, and chondromalacia. Campbell DE, et al. **Phys Ther** 1982 Jan; 62(1):10–5

Autonomic hyperreflexia following passive stretching to the hip joint. McGarry J, et al. **Phys Ther** 1982 Jan;62(1):30–1

The organisation and rehabilitation of the post myocardial infarction patient. **Singapore Med J** 1981 Aug;22(4):233–5

Patient reaction to the Singapore General Hospital cardiac rehabilitation programme. Sabapathy FR. **Singapore Med J** 1981 Aug;22(4):236–8

Rehabilitation of the coronary patient. Wenger NK. **Singapore Med J** 1981 Aug;22(4):239–46

Telemetered monitoring in exercise therapy programs. Metcalf JA, et al. **Va Med** 1982 Feb;109(2):130–1

[Effects of physical activity and mid-alpine climatotherapy on serum lipids on adult diabetics and in obesity] Angelov I, et al. **Vutr Boles** 1981;20(5):93–7 (Eng. Abstr.) **(Bul)**

[Therapeutic physical education as part of rehabilitation of schizophrenics (author's transl)] Tabarka K, et al. **Cesk Psychiatr** 1981;77(4):237–40 (Eng. Abstr.) **(Cze)**

[Value of regular supervised physical training after acute myocardial infarction] Andersen GS, et al. **Ugeskr Laeger** 1981 Nov 2;143(45):2952–5 (Eng. Abstr.) **(Dan)**

[Physical training after acute myocardial infarction] Kelbaek H, et al. **Ugeskr Laeger** 1981 Nov 2;143(45):2949–5 (Eng. Abstr.) **(Dan)**

[Physiological circulatory changes following physical training] Kelbaek H. **Ugeskr Laeger** 1981 Nov 2;143(45):2947–9 (Eng. Abstr.) **(Dan)**

[Muscular weakness corrected by exercise and myotonia (author's transl)] Wasser P, et al. **Rev Otoneuroophtalmol** 1981 Oct–Dec; 53(5):401–9 (Eng. Abstr.) **(Fre)**

[Five years of movement therapy – experiences from health resort work (author's transl)] Haizmann R. **Rehabilitation (Stuttg)** 1982 Feb;21(1):1–7 (Eng. Abstr.) **(Ger)**

[Changes in the skin oxygen regimen and microcirculation as affected by the intensive physical training of myocardial infarct patients] Aronov DM, et al. **Kardiologiia** 1982 Jan;22(1):44–9 (Eng. Abstr.) **(Rus)**

[Program and results of 10 weeks' physical training of myocardial infarct patients and patients with exertion stenocardia] Liusov VA, et al. **Kardiologiia** 1982 Jan;22(1):49–53 (Eng. Abstr.) **(Rus)**

[Role of physical exercise in water in the complex treatment of patients with rheumatoid arthritis at the health resorts] Zmievskaia LD, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Nov–Dec;(6):30–2 (Eng. Abstr.) **(Rus)**

[Therapeutic physical exercise in the combined treatment of hypertension and alimentary obesity] Luganskii IuN, et al. **Vrach Delo** 1982 Feb;(2):54–7 (Eng. Abstr.) **(Rus)**

[Cardiac Rehabilitation (author's transl)] Román O. **Rev Med Chil** 1981 May;109(5):453–8 (Eng. Abstr.) **(Spa)**

EXERTION

Application of a temporal Fourier transform for evaluation of regional wall motion disturbances by radionuclide ventriculography at rest and at exercise. Bossuyt A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:105–11

Physical exercise and carbohydrate and lipid metabolism. Chakroun R, et al. **Acta Cardiol [Suppl] (Brux)** 1981;27:51–68

Effect of image computer processing on the sensitivity and specificity of stress myocardial scintigraphy. Lenaers A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:95–103

Radionuclide angiography during exercise: review of methodology and results in normal subjects. Rigo P, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:87–94

Investigation of the mechanisms and consequences of transient myocardial ischaemia. Allan RM, et al. **Acta Med Scand [Suppl]** 1981;651:133–8

Management of severe chronic CHF with oral pirbuterol. Awan NA, et al. **Acta Med Scand [Suppl]** 1981;(652):155–62

Captopril – an oral angiotensin-converting enzyme inhibitor in CHF. Chatterjee K, et al. **Acta Med Scand [Suppl]** 1981; (652):181–7

Skeletal muscle adaptation to aging and to respiratory and liver failure. Möller P. **Acta Med Scand [Suppl]** 1982;654:1–40

Effect of timolol on platelet aggregation in coronary heart disease. Thaulow E, et al. **Acta Med Scand [Suppl]** 1981;651:101–9

Treatment of obese schoolchildren with special reference to the mode of therapy, cardiorespiratory performance and the carbohydrate and lipid metabolism. Ylitalo V. **Acta Paediatr Scand [Suppl]** 1981;290:1–108

Chromoendocrinological studies in athletes. IV. Multiple hormonal responses to submaximal muscular exercise. Dobrzański T, et al. **Acta Physiol Pol** 1981 Sep–Oct;32(5):529–36

Effect of tenotomy and denervation on the early post-exercise glycogen recovery in skeletal muscles of the rat. Stankiewicz-Niczyporowicz J, et al. **Acta Physiol Pol** 1981; 32(4):449–54

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

Lactate, muscle glycogen and exercise performance in man. Jacobs I. **Acta Physiol Scand [Suppl]** 1981;495:1-35

Social network analysis and coronary heart disease. Berkman LF. **Adv Cardiol** 1982;29:37-49

Type A behavior pattern in a screened female population. Bernet A, et al. **Adv Cardiol** 1982;29:96-107

Socio-economic and cultural factors in ischaemic heart disease. Marmot MG. **Adv Cardiol** 1982;29:68-76

Effects of infarct size, smoking, physical activity and some psychological factors on prognosis after myocardial infarction. Wilhelmsen L, et al. **Adv Cardiol** 1982;29:119-25

Prolonged benign exertional headache: clinical characteristics and response to indomethacin. Diamond S, et al. **Adv Neurol** 1982; 33:145-9

Reduction of submaximal exercise myocardial oxygen demand post-walk training program in coronary patients due to improved physical work efficiency. Dressendorfer RH, et al. **Am Heart J** 1982 Mar;103(3):358-62

Role of coronary vasospasm in the pathogenesis of myocardial ischemia and angina pectoris. Gorlin R. **Am Heart J** 1982 Apr; 103(4 Pt 2):598-603

Comparison of platelet function during exercise in normal subjects and coronary artery disease patients: Potential role of platelet activation in myocardial ischemia. Mehta J, et al. **Am Heart J** 1982 Jan;103(1):49-53

Evaluation of patients with ischemic heart disease by thallium-201 myocardial imaging. Pitt B, et al. **Am Heart J** 1982 Apr; 103(4 Pt 2):784-8

Comparative analysis of physiologic responses to three different maximal graded exercise test protocols in healthy women. Pollock ML, et al. **Am Heart J** 1982 Mar;103(3):363-73

Walk-through angina phenomenon demonstrated by graded exercise radionuclide ventriculography: possible coronary spasm mechanisms. Rizi HR, et al. **Am Heart J** 1982 Feb; 103(2):292-5

Comparison of metoprolol and verapamil in the treatment of angina pectoris. Arnman K, et al. **Am J Cardiol** 1982 Mar; 49(4):821-7

Exercise responses before and after physical conditioning in patients with severely depressed left ventricular function. Conn EH, et al. **Am J Cardiol** 1982 Feb 1;49(2):296-300

Response of plasma norepinephrine and epinephrine to dynamic exercise in patients with congestive heart failure. Francis GS, et al. **Am J Cardiol** 1982 Apr 1;49(5):1152-6

Efficacy of diltiazem in angina on effort: a multicenter trial. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):567-72

Divergent effects of diltiazem in patients with exertional angina. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):538-46

Long-term efficacy of diltiazem in chronic stable angina associated with atherosclerosis: effect on treadmill exercise. Pool PE, et al. **Am J Cardiol** 1982 Feb 18;49(3):573-7

Myocardial perfusion imaging. Ritchie JL. **Am J Cardiol** 1982 Apr 1;49(5):1341-7

Reduced prostacyclin production in patients with different manifestations of ischemic heart disease. Serneri GG, et al. **Am J Cardiol** 1982 Apr 1;49(5):1146-51

Safety and efficacy of diltiazem hydrochloride for the treatment of stable angina pectoris: report of a cooperative clinical trial. Strauss WE, et al. **Am J Cardiol** 1982 Feb 18;49(3):560-6

Verapamil in stable effort angina: effects on left ventricular function evaluated with exercise radionuclide ventriculography. Tan AT, et al. **Am J Cardiol** 1982 Feb 1;49(2):425-30

Oral isosorbide dinitrate in angina pectoris: comparison of duration of action an dose-response relation during acute and sustained therapy. Thadani U, et al. **Am J Cardiol** 1982 Feb 1; 49(2):411-9

Effect of a meal and previous exercise on the oxygen consumption/heart rate relationship [letter] Balwin K, et al. **Am J Clin Nutr** 1982 Jan;35(1):177-8

A school-based behavior modification, nutrition education, and physical activity program for obese children. Brownell KD, et al. **Am J Clin Nutr** 1982 Feb;35(2):277-83

Autoregulatory homeostatic nature of energy balance. Sukhatme PV, et al. **Am J Clin Nutr** 1982 Feb;35(2):355-65

False positive stress tests due to undetected left ventricular hypertrophy. Wroblewski EM, et al. **Am J Epidemiol** 1982 Mar; 115(3):412-7

Muscle fatigue with prolonged exercise: contractile and biochemical alterations. Fitts RH, et al. **Am J Physiol** 1982 Jan; 242(1):C65-73

Relationships between adenosine and coronary resistance in conscious exercising dogs. McKenzie JE, et al. **Am J Physiol** 1982 Jan;242(1):H24-9

Maintained ability of carotid baroreflex to regulate arterial pressure during exercise. Melcher A, et al. **Am J Physiol** 1981 Dec; 241(6):H838-49

Catecholamine release and blood pressure changes induced by exercise in dogfish. Opdyke DF, et al. **Am J Physiol** 1982 Mar; 242(3):R306-10

Adenosine and free-flow functional hyperemia in striated muscle. Proctor KG, et al. **Am J Physiol** 1982 Apr;242(4):H688-97

Sense and nonsense about the Fenn effect. Rall JA. **Am J Physiol** 1982 Jan;242(1):H1-6

Respiratory resistance of the oral airway. Cole P, et al. **Am Rev Respir Dis** 1982 Mar;125(3):363-5

Pattern and time course of ventilation-perfusion inequality in exercise-induced asthma. Young IH, et al. **Am Rev Respir Dis** 1982 Mar;125(3):304-11

Clinical relevance of intrinsic sympathomimetic activity of beta blockers. Kostis JB, et al. **Angiology** 1981 Nov;32(11):780-7 (10 ref.)

The behavior of the Nicoladoni-Branham sign at rest and under effort. Longo T, et al. **Angiology** 1981 Nov;32(11):797-803

Influence of physical training on the effects of dietary oils on cardiac morphology and phospholipids in rats. Rocquelin G, et al. **Ann Nutr Metab** 1981 Nov-Dec;25(6):350-61

Sudden death and partial absence of the right ventricular myocardium: a report of three cases and a review of the literature. Virmani R, et al. **Arch Pathol Lab Med** 1982 Apr; 106(4):163-7

Physical activity and inactivity influences on 14C-leucine incorporation in reinnervated rat gastrocnemius. Jaweed MM, et al. **Arch Phys Med Rehabil** 1982 Jan;63(1):28-31

Sugar and sugar alcohols. Crapo PA. **ASDC J Dent Child** 1982 Mar-Apr;49(2):136-8 (16 ref.)

Plasma high density lipoproteins in coronary, cerebral and peripheral vascular disease. The influence of various risk factors. Bihari-Varga M, et al. **Atherosclerosis** 1981 Nov-Dec; 40(3-4):337-45

Exercises for your neck. Murtagh JE. **Aust Fam Physician** 1981 Dec;10(12):947

The heart score theory in the racehorse. Stewart GA. **Aust Vet J** 1981 Sep;57(9):422-8 (33 ref.)

The effect of two years' training on aerobic power and muscle strength in male and female cadets. Daniels WL, et al. **Aviat Space Environ Med** 1982 Feb;53(2):117-21

A study of treadmill exercise protocols for Chinese males. Ho BL. **Aviat Space Environ Med** 1982 Feb;53(2):112-6

Acceleration induced voltage variations in the electrocardiogram during exhaustive simulated aerial combat maneuvering. Whinnery JE. **Aviat Space Environ Med** 1982 Feb; 53(2):147-52

Maternal effects in mice: influence of parents' and offspring's genotypes. le Pape G, et al. **Behav Genet** 1981 Jul; 11(4):379-84

Myocardial infarct size and cardiac performance at exercise soon after myocardial infarction. Grande P, et al. **Br Heart J** 1982 Jan;47(1):44-50

Comparison of antianginal efficacy of one conventional and three long acting beta-adrenoreceptor blocking agents in stable angina pectoris. Jones GR, et al. **Br Heart J** 1981 Nov;46(5):503-7

Immediate and sustained haemodynamic effects of prazosin during upright exercise in man. Silke B, et al. **Br Heart J** 1981 Dec; 46(6):663-70

Scintigraphic anatomy of coronary artery disease in digital thallium-201 myocardial images. Wainwright RJ. **Br Heart J** 1981 Nov;46(5):465-77

Segmental quantitative analysis of digital thallium-201 myocardial scintigrams in diagnosis of coronary artery disease. Comparison with rest and exercise electrocardiography and coronary arteriography. Wainwrwight RJ, et al. **Br Heart J** 1981 Nov; 46(5):478-85

Quantitative studies on the numerical frequency of myonuclei in the muscles of exercised rats: evidence against the occurrence of fibre-splitting. James NT, et al. **Br J Exp Pathol** 1981 Dec; 62(6):600-5

Thyroid function and physical activity. A preliminary communication. Adler J, et al. **Br J Sports Med** 1981 Dec; 15(4):261-4

Pre- and post-adolescents' physiological response to exercise. Bale P. **Br J Sports Med** 1981 Dec;15(4):246-9

Exertion injuries in female athletes. Orava S, et al. **Br J Sports Med** 1981 Dec;15(4):229-33

Jogger's blockade [editorial] Breckenridge A. **Br Med J [Clin Res]** 1982 Feb 20;284(6315):532-3

Exercise and distribution of inspired gas in patients with obstructive pulmonary disease. Cutillo A, et al. **Bull Eur Physiopathol Respir** 1981 Nov-Dec;17(6):891-901

Changes in functional residual capacity during exercise in patients with exercise-induced asthma. Kiers A, et al. **Bull Eur Physiopathol Respir** 1981 Nov-Dec;17(6):869-78

Daily energy expenditure of young boys as related to maximal aerobic power. Cunningham DA, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):207-11

Cyclic variations in perceived exertion and physical work capacity in females. Higgs SL, et al. **Can J Appl Sport Sci** 1981 Dec; 6(4):191-6

A field test for the prediction of aerobic capacity in male paraplegics and quadraplegics. Rhodes EC, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):182-6

18(5):375–82

Double-blind controlled trial of molsidomine in hypertension. Milei J, et al. **Eur J Clin Pharmacol** 1980 Oct;18(3):231–5

Circadian rhythm of aerobic productivity. Krivoshchekov SG, et al. **Hum Physiol** 1980 Mar–Apr;6(2):139–45

Racial contrasts in cardiovascular response tests for children from a total community. Voors AW, et al. **Hypertension** 1980 Sep–Oct; 2(5):686–94

Body acceleration distribution and O2 uptake in humans during running and jumping. Bhattacharya A, et al. **J Appl Physiol** 1980 Nov;49(5):881–7

Oxygen uptake and energy expenditure during horizontal treadmill running. Hagan RD, et al. **J Appl Physiol** 1980 Oct; 49(4):571–5

Metabolic and circulatory responses to wheelchair and arm crank exercise. Sawka MN, et al. **J Appl Physiol** 1980 Nov; 49(5):784–8

Effect of intravenous and oral pindolol on exercise tolerance and electrocardiographic changes in angina pectoris. Storstein L. **J Cardiovasc Pharmacol** 1980 Nov–Dec;2(6):739–50

Effects of chronic beta-adrenoceptor antagonism on plasma catecholamines and blood pressure in hypertension. Watson RD, et al. **J Cardiovasc Pharmacol** 1980 Nov–Dec;2(6):725–38

Use of heart rate responses to standing and hyperventilation at rest to detect coronary artery disease: correlation with the S-T response to exercise. Greenberg PS, et al. **J Electrocardiol** 1980 Oct;13(4):373–8

The importance of adequate exercise in the detection of coronary heart disease by radionuclide ventriculography. Brady TJ, et al. **J Nucl Med** 1980 Dec;21(12):1125–30

Effects of isometric handgrip and dynamic exercise on left-ventricular function. Peter CA, et al. **J Nucl Med** 1980 Dec; 21(12):1131–8

Functional capacity testing in a general hospital. Olha A, et al. **J Sports Med Phys Fitness** 1980 Mar;20(1):87–98

Effects of oral befunolol on heart rate and systolic blood pressure during submaximal exercise in man. Miki N, et al. **Jpn Circ J** 1980 Oct;44(10):783–93

Haemodynamic effects of sulphinpyrazone on exercise responses in normal subjects. Forfar JC, et al. **Lancet** 1980 Oct 4; 2(8197):718–20

Warm-up phenomenon in angina pectoris. Jaffe MD, et al. **Lancet** 1980 Nov 1;2(8201):934–6

The effects of hypercapnia on metabolic responses to progressive exhaustive work. Graham T, et al. **Med Sci Sports Exerc** 1980; 12(4):278–84

Circulation and respiration response to arm exercise and lower body negative pressure. Kobayashi Y, et al. **Med Sci Sports Exerc** 1980;12(4):244–9

Descriptive profiles of highly skilled women volleyball players. Spence DW, et al. **Med Sci Sports Exerc** 1980;12(4):299–302

The effect of rope skipping rate on energy expenditure of males and females. Town GP, et al. **Med Sci Sports Exerc** 1980; 12(4):295–8

Inotropic effect of prostacyclin (PGI2) on isolated rat atria at different contraction frequencies. Sterin-Borda L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1980 Aug; 313(2):95–100

Sequential haemodynamic effects of labetalol at rest and during exercise in essential hypertension. Svendsen TL, et al. **Postgrad Med J** 1980;56 Suppl 2:21–6

Effects of oxprenolol on pistol shooting under stress. Antal LC, et al. **Practitioner** 1980 Jul;224(1345):755–60

Effect of hemodialysis on myocardial function as assessed by postural stress testing. Valdivieso AJ, et al. **Proc Clin Dial Transplant Forum** 1979;9:87–92

An objective assessment of the value of exercise training to patients with chronic obstructive airways disease. Mungall IP, et al. **Q J Med** 1980 Winter;49(193):77–85

Cardiovascular function and the renin-angiotensin-aldosterone system in long-distance runners during various training periods. Kosunen K, et al **Scand J Clin Lab Invest** 1980 Sep; 40(5):429–35

Circadian variation of physiological functions related to physical work capacity. Ilmarinen J, et al. **Scand J Work Environ Health** 1980 Jun;6(2):112–22

Electrocardiogram made on ascending the Mount Qomolangma from 50 m a. s. l. Shi ZY, et al. **Sci Sin** 1980 Oct; 23(10):1316–25

Cardiac and respiratory responses to exercise in adolescent idiopathic scoliosis. Shneerson JM. **Thorax** 1980 May; 35(5):347–50

Effect of exercise on thermal and acid-base balance in buffaloes. Nangia OP, et al. **Trop Anim Health Prod** 1980 Aug; 12(3):185–8

[The dynamic observation of electrocardiograms at varios altitudes on the workers of a certain unit (author's transl)] Cheng XS, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1979 Dec; 1(3):243–7 (Eng. Abstr.) **(Chi)**

[A study on the problem of labour hygiene and labour protection at high altitude (author's transl)] Yu YZ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1979 Dec; 1(3):248–55 (Eng. Abstr.) **(Chi)**

[A study for treadmill exercise protocols for Chinese males (author's transl)] Ho BL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1980 May;79(5):491–9 (Eng. Abstr.) **(Chi)**

[Changes in left ventricular function induced by isometric exercise in coronary disease] De Servi S, et al. **Arch Mal Coeur** 1980 Apr;73(4):418–24 (Eng. Abstr.) **(Fre)**

[Preventive action on stable exercise-induced angina of a topical nitroglycerin gel and of an oral slow-release nitroglycerin compound (Lénitral) in low and high dosage (author's transl)] Broustet JP, et al. **Nouv Presse Med** 1980 Sep 25; 9(34 Suppl):2492–8 (Eng. Abstr.) **(Fre)**

[Rehabilitation of children and young people being exempted from obligatory sports at school by means of individual sports therapy] Brauer BM. **Aerztl Jugendkd** 1980;71(5):369–74 (Eng. Abstr.) **(Ger)**

[Biological effort of women doing wholesaling operations in food warehouses using shelf-handling equipment] Frauendorf H, et al. **Z Gesamte Hyg** 1980 Apr;26(4):250–2 (Eng. Abstr.) **(Ger)**

[Quantitative relationship between EMG activity and contraction force and the status of the heart period duration during isometric triceps contraction of low intensity] Wunderlich R, et al. **Z Gesamte Hyg** 1980 Apr;26(4):252–5 (Eng. Abstr.) **(Ger)**

[Ergometric investigations of the tension-time-index and of the PWC 170 in patients with borderline and stable hypertension in comparison with normals (author's transl)] Franz IW, et al. **Z Kardiol** 1980 Aug;69(8):587–91 (Eng. Abstr.) **(Ger)**

[Increase of heart rate and determination of W170 as a measure of physical working capacity in children 5 to 14 years of age (author's transl)] Lindemann H, et al. **Z Kardiol** 1980 Jul; 69(7):508–14 (Eng. Abstr.) **(Ger)**

[Long term measurements of maximal, mean and resting heart rates in laboratory rats using implanted telemetric transmitters] Büttner D, et al. **Zentralbl Veterinaermed** [A] 1980 Jun;27(4):269–78 (Eng. Abstr.) **(Ger)**

[Effect of physical exertion on intraocular pressure in healthy persons with similar degrees of physical fitness] Trzciński J, et al. **Med Pr** 1980;31(4):277–81 (Eng. Abstr.) **(Pol)**

[Reactions of the cosmonaut cardiorespiratory system to physical loading after protracted flights aboard the orbital station 'Salyut-6'] Beregovkin AV, et al. **Kosm Biol Aviakosm Med** 1980 Jul–Aug;14(4):8–11 (Eng. Abstr.) **(Rus)**

[Comparative effectiveness of different biologically active compounds during physical loading] Shashkov VS, et al. **Kosm Biol Aviakosm Med** 1980 Nov–Dec;14(6):44–51 (Eng. Abstr.) **(Rus)**

[Characteristics of the stress test in a population without clinical manifestations of cardiovascular disease (author's transl)] Noguera H, et al. **Rev Med Chil** 1980 May;108(5):424–9 (Eng. Abstr.) **(Spa)**

HEART VALVE DISEASES

Radionuclide cineangiography in the clinical assessment of patients with coronary and valvular heart diseases. Borer JS, et al. **Prog Nucl Med** 1980;6:151–68

HEART VALVE PROSTHESIS

Clinical and hemodynamic assessment of the Angell-Shiley porcine xenograft. Rivera R, et al. **Ann Thorac Surg** 1980 Nov; 30(5):455–64

Radionuclide measurements of left ventricular function. Their use in patients with aortic insufficiency. Peter CA, et al. **Arch Surg** 1980 Nov;115(11):1348–52

HEART VENTRICLE

Increase of myocardial diastolic tonus at low temperatures: a Ca-phenomenon? Szymanski G, et al. **Acta Biol Med Ger** 1980; 39(5):599–607

Non invasive evaluation of left ventricular performance in 294 diabetic patients without clinical heart disease. dei Cas L, et al. **Acta Diabetol Lat** 1980 Apr–Jun;17(2):145–52

Effect of moderate hyperglycaemia on left-ventricular systolic time intervals during submaximal exercise of steady workload in healthy subjects. Chmura J, et al. **Acta Physiol Pol** 1980 Jul–Aug; 31(4):417–23

Improvement in ventricular function during exercise studied with radionuclide ventriculography after cardiac rehabilitation. Jensen D, et al. **Am J Cardiol** 1980 Nov;46(5):770–7

Peak systolic blood pressure/end-systolic volume ratio: assessment at rest and during exercise in normal subjects and patients with coronary heart disease. Slutsky R, et al. **Am J Cardiol** 1980 Nov; 46(5):813–20

Free-wall shortening and relaxation during ejection in the canine right ventricle. Pouleur H, et al. **Am J Physiol** 1980 Nov;

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

2(2):87–91

Serum aldolase isoenzymes in athletes at rest and after long-lasting exercise. Haralambie G. **Int J Sports Med** 1961 Feb;2(1):31–6

Assessment of different forms of physical activity with respect to preventive and rehabilitative cardiology. Hollmann W, et al. **Int J Sports Med** 1981 May;2(2):67–80

Relationships between leg muscle fiber type distribution and leg exercise performance. Inbar O, et al. **Int J Sports Med** 1981 Aug;2(3):154–9

Alteration in the lactate threshold with changes in substrate availability. Ivy JL, et al. **Int J Sports Med** 1981 Aug;2(3):139–42

Effects of beta-adrenergic blockade on endurance and short-time performance in respect to individual muscle fiber composition. Kaiser P, et al. **Int J Sports Med** 1981 Feb;2(1):37–42

Performance and muscle metabolite changes in exercise with repeated maximal dynamic contractions. Karlsson J, et al. **Int J Sports Med** 1981 May;2(2):110–3

Plasma catecholamines in trained and untrained volunteers during graduated exercise. Lehmann M, et al. **Int J Sports Med** 1981 Aug;2(3):143–7

Effect of exercise–diet manipulation on muscle glycogen and its subsequent utilization during performance. Sherman WM, et al. **Int J Sports Med** 1981 May;2(2):114–8

Onset of blood lactate accumulation and enzyme activities in m. vastus lateralis in man. Sjödin B, et al. **Int J Sports Med** 1981 Aug;2(3):166–70

Lactate kinetics and individual anaerobic threshold. Stegmann H, et al. **Int J Sports Med** 1981 Aug;2(3):160–5

Effects of treadmill running on oxidative capacity of regenerated skeletal muscle. Van Handel PJ, et al. **Int J Sports Med** 1981 May;2(2):92–6

Assessment and conservative management of the overfat adolescent. Carruth BR, et al. **J Adolesc Health Care** 1981 Jun;1(4):289–99

The nutritionist as the primary care provider in a team approach to obesity. Fletcher AM. **J Am Diet Assoc** 1982 Mar;80(3):253–5

Effect of physical training on exercise–induced sweating in women. Araki T, et al. **J Appl Physiol** 1981 Dec;51(6):1526–32

Patterns of glycogen loss in muscle fibers: response to arterial occlusion during exercise. Armstrong RB, et al. **J Appl Physiol** 1981 Sep;51(3):552–6

Heart contractility at pressure loads induced by ischemia of exercised muscle in humans. Bonde–Petersen F, et al. **J Appl Physiol** 1982 Feb;52(2):340–5

Glucose, glucagon, and insulin during adrenergic blockade in exercising sheep. Brockman RP, et al. **J Appl Physiol** 1982 Feb;52(2):315–9

Adaptation of fat cells to exercise: response of glucose uptake and oxidation to insulin. Craig BW, et al. **J Appl Physiol** 1981 Dec;51(6):1500–6

Increased excretion of urea and N tau –methylhistidine by rats and humans after a bout of exercise. Dohm GL, et al. **J Appl Physiol** 1982 Jan;52(1):27–33

Effect of muscle glycogen content on glucose uptake following exercise. Fell RD, et al. **J Appl Physiol** 1982 Feb;52(2):434–7

Effect of blood volume on sweating rate and body fluids in exercising humans. Fortney SM, et al. **J Appl Physiol** 1981 Dec;51(6):1594–600

Guinea pig soleus and gastrocnemius electromyograms at varying speeds, grades, and loads. Gardiner KR, et al. **J Appl Physiol** 1982 Feb;52(2):451–7

Effect of an exercise run to exhaustion on cAMP in the rat heart. Goldfarb AH, et al. **J Appl Physiol** 1981 Dec;51(6):1539–42

Effects of menstrual cycle on blood lactate, O2 delivery, and performance during exercise. Jurkowski JE, et al. **J Appl Physiol** 1981 Dec;51(6):1493–9

Ventilatory responses at rest and during exercise in marathon runners. Mahler DA, et al. **J Appl Physiol** 1982 Feb;52(2):388–92

Estimation of cardiac output by electrical impedance during arm exercise in women. Miles DS, et al. **J Appl Physiol** 1981 Dec;51(6):1488–92

Renin, aldosterone, and converting enzyme during exercise and acute hypoxia in humans. Milledge JS, et al. **J Appl Physiol** 1982 Feb;52(2):320–3

A simply constructed treadmill for rodent exercise studies. Rubin SA, et al. **J Appl Physiol** 1982 Feb;52(2):505–7

Denervated and intact kidney responses to exercise in the dog. Sadowski J, et al. **J Appl Physiol** 1981 Dec;51(6):1618–24

A respiratory mask for resting and exercising dogs. Stavert DM, et al. **J Appl Physiol** 1982 Feb;52(2):500-4

A refrigerated treadmill apparatus for exercising dogs. Stavert DM, et al. **J Appl Physiol** 1982 Feb;52(2):495–9

Cardiac output increase and gas exchange at start of exercise. Weissman ML, et al. **J Appl Physiol** 1982 Jan;52(1):236–44

Measurement of metabolic rate in hyperoxia. Welch HG, et al. **J Appl Physiol** 1981 Sep;51(3):725–31

Isotopic analysis of leucine and urea metabolism in exercising humans. Wolfe RR, et al. **J Appl Physiol** 1982 Feb;52(2):458–66

Impaired cardiac 'acceleration' at the onset of exercise in patients with coronary disease. Zimmerman P, et al. **J Appl Physiol** 1982 Jan;52(1):71–8

A method to increase compliance to exercise regimens in rheumatoid arthritis patients. Waggoner CD, et al. **J Behav Med** 1981 Jun;4(2):191–201

Functional differentiation within the tensor fasciae latae. A telemetered electromyographic analysis of its locomotor roles. Paré EB, et al. **J Bone Joint Surg [Am]** 1981 Dec;63–A(9):1457–71

In vivo rotatory knee stability. Ligamentous and muscular contributions. Shoemaker SC, et al. **J Bone Joint Surg [Am]** 1982 Feb;64(2):208–16

Vagal and sympathetic contributions to the heart rate at rest and during isometric and dynamic exercise in young healthy men. Nyberg G. **J Cardiovasc Pharmacol** 1981 Nov–Dec;3(6):1243–50

Urinary C–peptide: an indicator of beta–cell secretion under different metabolic conditions. Blix PM, et al. **J Clin Endocrinol Metab** 1982 Mar;54(3):574–80

Feedback from meal–related peaks determines diurnal changes in cortisol response to exercise. Brandenberger G, et al. **J Clin Endocrinol Metab** 1982 Mar;54(3):592–6

Low renin–aldosterone in 'prehypertensive' young adults. Kotchen TA, et al. **J Clin Endocrinol Metab** 1982 Apr;54(4):808–14

Lactate and glucose exchange across the forearm, legs, and splanchnic bed during and after prolonged leg exercise. Ahlborg G, et al. **J Clin Invest** 1982 Jan;69(1):45–54

Leucine meal increases glutamine and total nitrogen release from forearm muscle. Aoki TT, et al. **J Clin Invest** 1981 Dec;68(6):1522–8

Synergistic interaction between exercise and insulin on peripheral glucose uptake. DeFronzo RA, et al. **J Clin Invest** 1981 Dec;68(6):1468–74

Selected cardiac and metabolic responses to pseudoephedrine with exercise. Bright TP, et al. **J Clin Pharmacol** 1981 Nov–Dec;21(11–12 Pt 1):488–92

Forced walking prepartum for dairy cows of different ages. Lamb RC, et al. **J Dairy Sci** 1981 Oct;64(10):2017–24

Subacute anterior tibial compartment syndrome. Stefi DJ, et al. **J Foot Surg** 1981 Winter;20(4):258–61

Aerobic and anaerobic threshold of Japanese male adults. Nemoto I, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):183–9

The effect of elbow angle on the isometric strength and endurance of the elbow flexors in men and women. Petrofsky JS, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):125–31

Myoadenylate deaminase deficiency or not? Observations on two brothers with exercise–induced muscle pain. Hayes DJ, et al. **J Neurol Sci** 1982 Jan;53(1):125–36

Performance of the rotating slant–hole collimator for the detection of myocardial perfusion abnormalities. Ratib O, et al. **J Nucl Med** 1982 Jan;23(1):34–41

Voluntary exercise during pregnancy and lactation and its effect on lactational performance in mice. Karasawa K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(4):333–9

Influence of spinal curvature on exercise capacity. Chong KC, et al. **J Pediatr Orthop** 1981;1(3):251–4

Circulatory effects in healthy young men of atrial pacing at rest and during isometric handgrip. Bergenwald L, et al. **J Physiol (Lond)** 1981 Sep;318:445–53

The effects of exercise on protein and electrolyte secretion in parotid saliva. Dawes C. **J Physiol (Lond)** 1981 Nov;320:139–48

Effectiveness of cardiac rehabilitation. Mayou R. **J Psychosom Res** 1981;25(5):423–7

Morale in coronary patients following an exercise programme. Prosser G, et al. **J Psychosom Res** 1981;25(6):587–93

Treating adolescent obesity: a pilot project in a school. Zakus G, et al. **J Sch Health** 1981 Dec;51(10):663–6

Biological and haematological modifications after two years of physical activity in middle–aged men. Attinà DA, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):253–8

The use of selected submaximal step tests in predicting change in the maximal oxygen intake of college women. Johnson J, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):259–64

EMG related to anaerobic threshold. Miyashita M, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):209–17

Calculation of submaximal and maximal cardiac output in children using the CO2 rebreathing technique. Sady SP, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):245–52

Sleep after exercise: a literature review. Torsvall L. **J Sports Med Phys Fitness** 1981 Sep;21(3):218–25 (47 ref.)

Sudden death and physical exertion. Zeppilli P, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):299–300

Increased regional myocardial perfusion after intracoronary papaverine in patients after coronary artery bypass grafting. Goldman S, et al. **J Thorac Cardiovasc Surg** 1982 Apr;83(4):563–8

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

Effects of acute nitrogen dioxide exposure on swimming performance of mice. Suzuki AK, et al. **J Toxicol Environ Health** 1982 Jan;9(1):165–72

Add exercise to calcium in osteoporosis prevention. Korcok M. **JAMA** 1982 Feb 26;247(8):1106, 1112

Blood pressure during normal daily activities, sleep, and exercise. Comparison of values in normal and hypertensive subjects. Pickering TG, et al. **JAMA** 1982 Feb 19;247(7):992–6

Anaerobic threshold determination by blood lactate and myoelectric signals. Nagata A, et al. **Jpn J Physiol** 1981; 31(4):585–97

Fall in skin temperature during exercise observed by thermography. Nakayama T, et al. **Jpn J Physiol** 1981;31(5):757–62

Beneficial effects of dantrolene sodium in exercise–induced muscle pains: calcium mediated? [letter] Bertorini T, et al. **Lancet** 1982 Mar 13;1(8272):616–7

Plasma free and sulfate conjugated catecholamine levels during acute physiological stimulation in man. Joyce DA, et al. **Life Sci** 1982 Feb 1;30(5):447–54

Continuous determination of cardiac output during exercise by the use of impedance plethysmography. Miyamoto Y, et al. **Med Biol Eng Comput** 1981 Sep;19(5):638–44

Physical fitness in the elderly. Tichy MW, et al. **Med Instrum** 1982 Jan–Feb;16(1):20–1

Aerobic capacity and habitual physical activity in three groups of apparently healthy Malay males. Shahabudin SH. **Med J Malaysia** 1981 Mar;36(1):47–51

The effect of an acute bout of exercise on selected pulmonary function measurements. Buono MJ, et al. **Med Sci Sports Exerc** 1981;13(5):290–3

Glucose utilization in human erythrocytes during physical exercise. Fornaini G, et al. **Med Sci Sports Exerc** 1981;13(5):322–4

The effects of prolonged exercise on spinally injured subjects. Gass GC, et al. **Med Sci Sports Exerc** 1981;13(5):277–83

Metacarpophalangeal flexion forces with respect to age, sex, and exercise habits. Hall SJ. **Med Sci Sports Exerc** 1981; 13(5):329–31

Load–carrying effects on the adult beagle tibia. Martin RK, et al. **Med Sci Sports Exerc** 1981;13(5):343–9

Heart rate response to bicycle ergometer exercise in children ages 6–7 years. Pels AE 3d, et al. **Med Sci Sports Exerc** 1981; 13(5):299–302

Comparison of serum lipids between habitually high and low active pre–adolescent males. Thorland WG, et al. **Med Sci Sports Exerc** 1981;13(5):316–21

Modulation of the action of insulin in relation to the energy state in skeletal muscle tissue: possible involvement of kinins and prostaglandins. Dietze GJ. **Mol Cell Endocrinol** 1982 Feb; 25(2):127–49 (203 ref.)

Hypoglycemia during prolonged exercise in normal men. Felig P, et al. **N Engl J Med** 1982 Apr 15;306(15):895–900

Improved myocardial function during exercise after successful percutaneous transluminal coronary angioplasty. Kent KM, et al. **N Engl J Med** 1982 Feb 25;306(8):441–6

Massachusetts Department of Public Health. Risk factors and life style: a statewide health–interview survey. Lambert CA, et al. **N Engl J Med** 1982 Apr 29;306(17):1048–51

Effect of moderate daily exercise on acute glomerulonephritis. Stefaniak JE, et al. **Nephron** 1981;29(1–2):49–54

Slimming groups: shedding down to size. Cathcart F, et al. **Nurs Mirror** 1981 Dec 9;153(24):44–6

Cardiac rehabilitation. 2. A programme to improve lifestyle. Herdman A. **Nurs Times** 1982 Feb 3–9;78(5):187–9

The high prevalence of impaired glucose tolerance and diabetes mellitus in an isolated Polynesian population, Manihiki, Cook Islands. Weinstein S, et al. **NZ Med J** 1981 Dec 9; 94(697):411–3

Incorporating activity into diabetic self–care. Gotch PM. **Occup Health Nurs** 1982 Feb;30(2):16–9

Aerobic fitness: how do hospital personnel measure up? Yiasemides E. **Occup Health Nurs** 1982 Mar;30(3):24–8

Influence of different types of physical fatigue on a visual detection task. Fleury M, et al. **Percept Mot Skills** 1981 Dec; 53(3):723–30

The effects of physical or perceptual work loads on a coincidence/anticipation task. Fleury M, et al. **Percept Mot Skills** 1981 Dec;53(3):843–50

Movement and body–image: a preliminary study. Rosenthal MM, et al. **Percept Mot Skills** 1981 Dec;53(3):758

Muscle weakness following eccentric work in man. Davies CT, et al. **Pflugers Arch** 1981 Dec;392(2):168–71

Improved cardiopulmonary status after a two–month program of graded arm exercise in a patient with C6 quadriplegia. A case report. DiCarlo SE. **Phys Ther** 1982 Apr;62(4):456–9

The effects of voluntary exercise on the sexual behavior of the female hamster. Vicente I, et al. **Physiol Behav** 1981 Nov; 27(5):767–72

Electrocardiographic and metabolic investigations concerning the exhaustive exercise under conditions of adrenergic blocking in rats. Schneider F, et al. **Physiologie** 1982 Jan–Mar;19(1):31–3

Benign exertional headaches. Diamond S. **Postgrad Med** 1982 Mar; 71(3):244–5

Rehabilitation of the cardiac patient. Program phases and rationale. Winslow EB. **Postgrad Med** 1982 Feb;71(2):114–9, 122–7

Non–invasive cardiovascular assessment of indapamide in patients with essential hypertension. Dunn FG, et al. **Postgrad Med J** 1981;57 Suppl 2:19–22

Failure of anti–hypertensive drugs to control blood pressure rise with isometric exercise in hypertension. O'Hare JA, et al. **Postgrad Med J** 1981 Sep;57(671):552–5

Comparison of blood lipids, lipoproteins, anthropometric measures, and resting and exercise cardiovascular responses in children, 6—7 years old. Gilliam TB, et al. **Prev Med** 1981 Nov; 10(6):754–64

Running elevates plasma beta–endorphin immunoreactivity and ACTH in untrained human subjects. Gambert SR, et al. **Proc Soc Exp Biol Med** 1981 Oct;168(1):1–4

The effects of an exercise training upon subsequently induced cardiac enlargement. Hodgins DS. **Proc Soc Exp Biol Med** 1982 Mar;169(3):392–6

Effectiveness of long–term vasodilator administration in the treatment of chronic left ventricular failure. Franciosa JA. **Prog Cardiovasc Dis** 1982 Jan–Feb;24(4):319–30 (90 ref.)

Body composition in adolescence. Forbes GB. **Prog Clin Biol Res** 1981;61:55–72 (32 ref.)

Physical activity: impact on protein and amino acid metabolism and implications for nutritional requirements. Young VR, et al. **Prog Clin Biol Res** 1981;77:57–85 (73 ref.)

Exercise and obesity: etiology, physiology, and intervention. Thompson JK, et al. **Psychol Bull** 1982 Jan;91(1):55–79

Physical fitness, exercise, and REM sleep cycle length. Trinder J, et al. **Psychophysiology** 1982 Jan;19(1):89–93

Radionuclide evaluation of the interventricular septum following coronary artery bypass surgery. Lindsay J Jr, et al. **Radiology** 1982 Feb;142(2):489–93

Interactions among dietary pattern, physical activity and skinfold thickness. Blair SN, et al. **Res Q Exerc Sport** 1981 Dec; 52(4):505–11

The limitation of exercise ventilation during speech. Doust JH, et al. **Respir Physiol** 1981 Nov;46(2):137–47

Accelerated respiratory response to moderate exercise in late pregnancy. Edwards MJ, et al. **Respir Physiol** 1981 Sep; 45(3):229–41

Influence of diet on CO2 production and ventilation in constant–load exercise. Hughson RL, et al. **Respir Physiol** 1981 Nov;46(2):149–60

Control of ventilation during graded exercise in the dog. Szlyk PC, et al. **Respir Physiol** 1981 Dec;46(3):345–65

Effects of ozone exposure on lung function in man: a review. Folinsbee LJ. **Rev Environ Health** 1981;3(3):211–40

Exercise–induced proteinuria in children and adolescents. Huttunen NP, et al. **Scand J Clin Lab Invest** 1981 Oct;41(6):583–7

Metabolic responses to bicycle exercise after several days of physical work and energy deficiency. Rognum TO, et al. **Scand J Clin Lab Invest** 1981 Oct;41(6):565–71

Perceived exertion during patient lifts. An evaluation of the importance of various factors for the subjective strain during lifting and carrying of patients. A study at a geriatric hospital. Dehlin O, et al. **Scand J Rehabil Med** 1982;14(1):11–20

Relationship of isometric knee extension torque and functional variables in osteoarthrosis of the knee. Lankhorst GJ, et al. **Scand J Rehabil Med** 1982;14(1):7–10

The biochemical basis of obesity. Rath EA. **Sci Prog** 1981 Autumn; 67(267):357–76 (110 ref.)

Influence of exercise and smoking on high density lipoprotein cholesterol in university students. Nakamura S. **Tohoku J Exp Med** 1981 Dec;135(4):443–4

Protection against the cardiotoxic effect of isoproterenol–HCl by dietary polyunsaturated fatty acids and exercise. Crandall DL, et al. **Toxicol Appl Pharmacol** 1982 Jan;62(1):152–7

Control system evaluations of the THI/Gould LVAS: pump rate and stroke volume responsiveness during exercise in the unanesthetized calf. Igo SR, et al. **Trans Am Soc Artif Intern Organs** 1981;27:454–60

Hemodynamic response to exercise during chronic ventricular fibrillation and nonpulsatile biventricular bypass (BVB). Valdés F, et al. **Trans Am Soc Artif Intern Organs** 1981;27:449–53

Effects of CO2 insensitivity and respiratory pattern on respiration in divers. Morrison JB, et al. **Undersea Biomed Res** 1981 Dec; 8(4):209–17

Lactate and pyruvate changes during treadmill exercise in patients with intermittent claudication. Maass U, et al. **Z Kardiol** 1982 Jan;71(1):39–43

The energy expenditure of spina bifida children during walking and wheelchair ambulation. Evans EP, et al. **Z Kinderchir** 1981 Dec;34(4):425–7

[Comparison of the results of spiroergometry and coronarography in angina pectoris after myocardial infarction] Barták K, et al. **Cas Lek Cesk** 1981 Nov 19;120(46):1401–7 (Eng. Abstr.) **(Cze)**

[Blood pressure during isometric exercise (author's transl)] Dvořák

PHYSICAL FITNESS/SPORTS MEDICINE

EXERTION

I, et al. **Cas Lek Cesk** 1981;120(52):1599–1601 (Eng. Abstr.) (Cze)

[Determination of lacticodehydrogenase in early exercise testing after acute myocardial infarction (author's transl)] Vávra P, et al. **Cas Lek Cesk** 1981;120(50):1530–3 (Eng. Abstr.) (Cze)

[Intensive physical training and its effect on the urine excretion of catecholamines and 17-OH corticoids during aerobic exercise on an ergometer (author's transl)] Veselková A, et al. **Cas Lek Cesk** 1982 Jan 22;121(3):71–3 (Eng. Abstr.) (Cze)

[Physical activity in childhood] Máček M. **Cesk Pediatr** 1981 Dec; 36(12):716–8 (Eng. Abstr.) (Cze)

[Biochemical changes in the blood of pigs after exertion] Toulová M, et al. **Vet Med (Praha)** 1981;26(11):669–76 (Eng. Abstr.) (Cze)

[Exercise-induced bronchospasm and the respiratory response to exercise] Feitová S, et al. **Vnitr Lek** 1981 Dec;27(12):1202–8 (Eng. Abstr.) (Cze)

[Changes in adrenaline and noradrenaline plasma levels in essential hypertension in relation to emotional and physical stress] Přikryl P, et al. **Vnitr Lek** 1982 Jan;28(1):1–9 (Eng. Abstr.) (Cze)

[Exercise test in the differential diagnosis of ischemic heart disease in women] Zemánková J, et al. **Vnitr Lek** 1982 Feb; 28(2):142–51 (Eng. Abstr.) (Cze)

[Variations of plasma renin activity during physical exercise in man: effect of various types of mental activity] Nguyen NU, et al. **C R Soc Biol (Paris)** 1981;175(6):846–50 (Eng. Abstr.) (Fre)

[Effect of exercise on serum lipoproteins in 270 healthy men (author's transl)] Ollivier JP, et al. **Diabete Metab** 1981 Sep; 7(3):195–8 (Eng. Abstr.) (Fre)

[Exercise-induced malignant hyperthermia in a patient with familial ichthyosis vulgaris. Muscular carnitine deficiency as contributing factor (author's transl)] Haegy JM, et al. **Nouv Presse Med** 1982 Jan 16;11(2):115–7 (Eng. Abstr.) (Fre)

[Oxygen uptake (VO2) and carbon dioxide discharge (VCO2) in swine exposed to exhaustive physical stress] Steinhardt M, et al. **Arch Exp Veterinarmed** 1981;35(5):725–36 (Eng. Abstr.) (Ger)

[Myocardial scintigraphy with Tc-99m-diphosphonate in patients with coronary heart disease: a comparison with ECG and hemodynamic examinations at rest and during exertion] Neumann G, et al. **Cor Vasa** 1981;23(6):467–72 (Eng. Abstr.) (Ger)

[The aerobic and anaerobic capacity of adolescents and catecholamine excretion during prolonged submaximal exercise (author's transl)] Lehmann M, et al. **Eur J Applied Physiol** 1982; 48(1):135–45 (Eng. Abstr.) (Ger)

[Investigation of iron metabolism (59Fe) by whole-body radiometry with healthy men under physical stress (author's transl)] Kaplan MA, et al. **Radiol Diagn (Berl)** 1981; 22(6):832–7 (Eng. Abstr.) (Ger)

[Diagnosis of muscle function using Janda's method. Results of and examination of skiers on the Swiss and Liechtenstein National Teams] Spring H. **Schweiz Z Sportmed** 1981 Dec;29(4):143–6 (Eng. Abstr.) (Ger)

[Bicycle ergometric examinations and pulmonary function analyses after patch aortoplasty of coarctation of the aorta in children (author's transl)] Madu B, et al. **Z Kardiol** 1982 Jan; 71(1):44–9 (Eng. Abstr.) (Ger)

[Use of physical fitness for indirect appreciation of age in dialysed patients (author's transl)] Havel V, et al. **ZFA (Dresden)** 1981; 36(6):537–42 (Eng. Abstr.) (Ger)

[Measurements and combat of stress effects (author's transl)] von Ardenne M. **ZFA (Dresden)** 1981;36(6):473–87 (Eng. Abstr.) (Ger)

[Hypotension caused by effort] Bondi S, et al. **Minerva Med** 1982 Jan 14;73(1–2):67–70 (Eng. Abstr.) (Ita)

[Effects of correction of eating behavior and metabolic consumption on diarrhea, subcutaneous tissue, growth and hemoglobin in 18 children with aspecific chronic diarrhea] Ciampolini M, et al. **Minerva Pediatr** 1981 Nov 30; 33(22):1081–7 (Eng. Abstr.) (Ita)

[Handgrip-exercise echocardiography for the diagnosis of ischemic heart disease (author's transl)] Mitamura H. **Kokyu To Junkan** 1981 Oct;29(10):1099–107 (Eng. Abstr.) (Jpn)

[A case of acute exertional rhabdomyolysis associated with acute renal failure (author's transl)] Kitoh C, et al. **Nippon Jinzo Gakkai Shi** 1981 Sep;23(9):1217–23 (Eng. Abstr.) (Jpn)

[Muscle contracture induced by ischemic exercise in McArdle's disease (author's transl)] Uno H. **Rinsho Shinkeigaku** 1981 Nov; 21(11):927–31 (Eng. Abstr.) (Jpn)

[Metabolic adaptation to physical exertion in patients with chronic bronchitis] Sztobryn M, et al. **Pneumonol Pol** 1981; 49(10):683–9 (Eng. Abstr.) (Pol)

[Changes of effort capacity in women professionally working in conditions of varying energetic expenses (author's transl)] Drewczyński A. **Przegl Lek** 1981;38(9):685–8 (Eng. Abstr.) (Pol)

[The role of physical capacity as an index of the level of basic physiological parameters during physical work (author's transl)] Makowiec-Dąbrowska T. **Przegl Lek** 1981;38(9):689–91 (Eng. Abstr.) (Pol)

[Behavior of the blood pressure curve during the ergometric stress test, in treated and non-treated hypertensive patients] Carrasco RM, et al. **Arq Bras Cardiol** 1981 Mar;36 Suppl 1:24–32 (Eng. Abstr.) (Por)

[Comparative cycloergometric study of the conventional method and a manual technic, in different occupational groups] Nobre F, et al. **Arq Bras Cardiol** 1981 May;36(5):329–32 (Eng. Abstr.) (Por)

[Features of exertional hypoxia] Filippov MM. **Fiziol Zh** 1981 Nov–Dec;27(6):753–7 (Eng. Abstr.) (Rus)

[Functional state of the human spinal cord segmental apparatus during local work after a brief rest] Kuchma VR. **Gig Tr Prof Zabol** 1981;(12):35–9 (Eng. Abstr.) (Rus)

[Effect of physical load adaptation on the age-related dynamics of the contractile function and weight of the human left ventricle] Meerson FZ, et al. **Kardiologiia** 1982 Jan;22(1):85–90 (Eng. Abstr.) (Rus)

[Comparative evaluation of pressure chamber training and high altitude adaptation to hypoxia in humans] Katkov AIu, et al. **Kosm Biol Aviakosm Med** 1982 Jan–Feb;16(1):74–7 (Eng. Abstr.) (Rus)

[Standardization of the agar gel diffusion method of determining the activity of lysozyme] Fedortsov KK, et al. **Lab Delo** 1981; (12):735–6 (Eng. Abstr.) (Rus)

[Hemodynamics and external respiration in bronchial asthma patients at rest and under physical load] Orlov LL, et al. **Sov Med** 1982;(1):19–24 (Eng. Abstr.) (Rus)

[Significance of the pulmonary gas exchange reaction to physical loading in evaluating the effectiveness of mitral commissurotomy] Sherdukalova LF, et al. **Sov Med** 1982;(1):15–9 (Eng. Abstr.) (Rus)

[Study of circulation in patients with chronic bronchitis by the means of integral rheography] Leonov VO. **Ter Arkh** 1981; 53(12):67–72 (Eng. Abstr.) (Rus)

[Effect of exercise on the level of cyclic adenosine monophosphate in patients with different variants of neurocirculatory dystonia] Makoeva LD, et al. **Ter Arkh** 1981;53(12):34–7 (Eng. Abstr.) (Rus)

[Iodine metabolism in rat tissues under physical loads] Chernov VD, et al. **Ukr Biokhim Zh** 1981 Nov–Dec;53(6):83–6 (Eng. Abstr.) (Rus)

[Changes of the isoenzyme spectrum of pyruvate kinase during compensated heart hyperfunction] Meerson FZ, et al. **Vopr Med Khim** 1982 Jan–Feb;28(1):98–103 (Eng. Abstr.)(Rus)

[Effect of intense muscular activity on the state of brain structures] Boev VM. **Zh Vyssh Nerv Deiat** 1981 Nov–Dec; 31(6):1279–85 (Eng. Abstr.) (Rus)

[The exercise test in the evaluation of the hypertension reaction] Topalov V, et al. **Med Pregl** 1981;34(7–8):311–5 (Eng. Abstr.) (Scr)

[Evolution of the content of gluconeogenic metabolites in rat liver and kidney during exercise (author's transl)] Vargas A, et al. **Rev Esp Fisiol** 1981 Sep;37(3):277–84 (Eng. Abstr.) (Spa)

[Cardiac Rehabilitation (author's transl)] Román O. **Rev Med Chil** 1981 May;109(5):453–8 (Eng. Abstr.) (Spa)

EXTRASYSTOLE

[Effect of amiodarone on ventricular arrhythmias evaluated by serial exercise testing (author's transl)] Corbalán R, et al. **Rev Med Chil** 1981 Apr;109(4):324–31 (Eng. Abstr.) (Spa)

EYE INJURIES

Juvenile retinal detachment. Pan American Association of Ophthalmology and American Journal of Ophthalmology Lecture. Verdaguer J. **Am J Ophthalmol** 1982 Feb; 93(2):145–56

FACIAL BONES

Stress distribution under high-pull extraoral chin cup traction. A photoelastic study. Alfredo de Alba J, et al. **Angle Orthod** 1982 Jan;52(1):69–78

FASCIA

Functional differentiation within the tensor fasciae latae. A telemetered electromyographic analysis of its locomotor roles. Paré EB, et al. **J Bone Joint Surg [Am]** 1981 Dec; 63–A(9):1457–71

FASCIA LATA

Functional differentiation within the tensor fasciae latae. A telemetered electromyographic analysis of its locomotor roles. Paré EB, et al. **J Bone Joint Surg [Am]** 1981 Dec; 63–A(9):1457–71

FATIGUE

Dependence of the potentials obtained by averaging of the summated EMG from different factors. Gydikov A. **Acta Physiol Pharmacol Bulg** 1980;6(4):3–12

Spontaneous exercise testing: running as an early unmasker of underlying cardiac amyloidosis. Siegel RJ, et al. **Arch Intern Med** 1982 Feb;142(2):345

Integrated electromyographic activity and biting force during rapid isometric contraction of fatigued masseter muscle in man. Kawazoe Y, et al. **Arch Oral Biol** 1981;26(10):795–801

Work load and fatigue in repetitive arm elevations. Hagberg M. **Ergonomics** 1981 Jul;24(7):543–55

Measurement of localized muscle fatigue in building work. Malmqvist R, et al. **Ergonomics** 1981 Sep;24(9):695–709

Fluid shifts from myofibrillar to sarcoplasmic space in the myocardium of exhausted rats. Thomas DP, et al. **Int J Sports Med** 1981 Aug;2(3):171–7

Effect of an exercise run to exhaustion on cAMP in the rat heart. Goldfarb AH, et al. **J Appl Physiol** 1981 Dec;51(6):1539–42

Muscle fatigue in relation to EMG during repeated and maintained maximal isometric contractions. Oda S, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):175–81

The effect of elbow angle on the isometric strength and endurance of the elbow flexors in men and women. Petrofsky JS, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):125–31

The effects of physical or perceptual work loads on a coincidence/anticipation task. Fleury M, et al. **Percept Mot Skills** 1981 Dec;53(3):843–50

Influence of different types of physical fatigue on a visual detection task. Fleury M, et al. **Percept Mot Skills** 1981 Dec; 53(3):723–30

Changes in mechanical properties of the inferior oblique muscle of the rabbit after denervation. Asmussen G, et al. **Pflugers Arch** 1981 Dec;392(2):198–205

Muscle weakness following eccentric work in man. Davies CT, et al. **Pflugers Arch** 1981 Dec;392(2):168–71

[Functional state of the human spinal cord segmental apparatus during local work after a brief rest] Kuchma VR. **Gig Tr Prof Zabol** 1981;(12):35–9 (Eng. Abstr.) **(Rus)**

FEMORAL FRACTURES

Stress fractures in runners. Daffner RH, et al. **JAMA** 1982 Feb 19;247(7):1039–41

Histamine synthesis, imidazole dipeptides, and wound healing. Fitzpatrick DW, et al. **Surgery** 1982 Apr;91(4):430–4

FEMORAL NERVE

Traumatic closed femoral nerve neuropathy. Brozin IH, et al. **J Trauma** 1982 Feb;22(2):158–60

FIBULA

Beware the 'simple' fibular fracture (a clue for severe unstable ankle injury. Israeli A, et al. **Br J Sports Med** 1981 Dec; 15(4):269–71

FINGER INJURIES

The importance of controlled passive mobilization on flexor tendon healing. A biomechanical study. Woo SL, et al. **Acta Orthop Scand** 1981 Dec;52(6):615–22

Displaced intra-articular osteochondral fracture—cause for irreducible dislocation of the distal interphalangeal joint. Stripling WD. **J Hand Surg** 1982 Jan;7(1):77–8

FINGER JOINT

Metacarpophalangeal flexion forces with respect to age, sex, and exercise habits. Hall SJ. **Med Sci Sports Exerc** 1981; 13(5):329–31

FOOTBALL

Sudden death in young athletes. Tsung SH, et al. **Arch Pathol Lab Med** 1982 Apr;106(4):168–70

Body density differences between Negro and Caucasian professional football players. Adams J, et al. **Br J Sports Med** 1981 Dec;15(4):257–60

Maximal anaerobic power in national level Indian players. Bhanot JL, et al. **Br J Sports Med** 1981 Dec;15(4):265–8

A statistical study of Knee injuries due to football in high-school athletes. Pritchett JW. **J Bone Joint Surg [Am]** 1982 Feb; 64(2):240–2

[An unusual case of post-traumatic degeneration of the anterior tibial muscle] Bardelli M, et al. **Arch Putti Chir Organi Mov** 1980; 30:403–11 (Eng. Abstr.) **(Ita)**

[Comparative cycloergometric study of the conventional method and a manual technic, in different occupational groups] Nobre F, et al. **Arq Bras Cardiol** 1981 May;36(5):329–32 (Eng. Abstr.) **(Por)**

FORCED EXPIRATORY FLOW RATES

Pathogenesis of respiratory insufficiency in myotonic dystrophy: the mechanical factors. Bégin R, et al. **Am Rev Respir Dis** 1982 Mar;125(3):312–8

Pulmonary dysfunction in ultramarathon runners. Mahler DA, et al. **Yale J Biol Med** 1981 Jul–Aug;54(4):243–8

FORCED EXPIRATORY VOLUME

Influence of relative humidity and repeated exercise on exercise-induced bronchoconstriction. Henriksen JM, et al. **Allergy** 1981 Oct;36(7):463–70

Pattern and time course of ventilation-perfusion inequality in exercise-induced asthma. Young IH, et al. **Am Rev Respir Dis** 1982 Mar;125(3):304–11

Continuous and intermittent running in the provocation of asthma. Morton AR, et al. **Ann Allergy** 1982 Feb;48(2):123–9

Effect of oral terbutaline on exercise-induced asthma. Sly RM, et al. **Ann Allergy** 1982 Mar;48(3):151–5

Plethysmography study and pulmonary function in well-trained adolescents. de Swiniarski R, et al. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):39–49

Changes in functional residual capacity during exercise in patients with exercise-induced asthma. Kiers A, et al. **Bull Eur Physiopathol Respir** 1981 Nov–Dec;17(6):869–78

Spirometric predicted values for teenage boys: relation to body composition and exercise performance. Palka MJ. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):59–64

Mechanisms of oxygen effects on exercise in patients with chronic obstructive pulmonary disease. Stein DA, et al. **Chest** 1982 Jan; 81(1):6–10

Comparison of oral and inhaled metaproterenol for prevention of exercise-induced asthma. König P, et al. **Clin Allergy** 1981 Nov; 11(6):597–604

Effect of nasal and oral breathing on exercise-induced asthma. Mangla PK, et al. **Clin Allergy** 1981 Sep;11(5):433–9

The effect of calcium antagonist, nifedipine in exercise-induced asthma. Patel KR. **Clin Allergy** 1981 Sep;11(5):429–32

Prostaglandins in exercise-induced asthma [letter] Souza LM, et al. **Clin Allergy** 1981 Sep;11(5):506–7

Influence of spinal curvature on exercise capacity. Chong KC, et al. **J Pediatr Orthop** 1981;1(3):251–4

The effects of prolonged exercise on spinally injured subjects. Gass GC, et al. **Med Sci Sports Exerc** 1981;13(5):277–83

FRACTURES

Beware the 'simple' fibular fracture (a clue for severe unstable ankle injury. Israeli A, et al. **Br J Sports Med** 1981 Dec; 15(4):269–71

Displaced intra-articular osteochondral fracture—cause for irreducible dislocation of the distal interphalangeal joint. Stripling WD. **J Hand Surg** 1982 Jan;7(1):77–8

Casualty attendances: one year's experience at Waikato Hospital. McRae S, et al. **NZ Med J** 1982 Jan 13;95(699):12–4

The 'mechanical bull' thumb. Ginthner TP, et al. **Skeletal Radiol** 1981;7(2):131–3

[Wrist injuries in winter sports] Fernandez DL, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):121–8 (Eng. Abstr.) **(Ger)**

[Skiing accidents in children] Schwarzenbach M, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):116–20 (Eng. Abstr.)**(Ger)**

[Pattern of alpine ski accidents] Spinas GA, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):109–15 (Eng. Abstr.)**(Ger)**

[Ankle joint fractures as athletic injuries] Lindsjö U. **Lakartidningen** 1981 Aug 19;78(34):2855–7 (Eng. Abstr.) **(Swe)**

FRACTURES, CLOSED

Displaced intra-articular osteochondral fracture—cause for irreducible dislocation of the distal interphalangeal joint. Stripling WD. **J Hand Surg** 1982 Jan;7(1):77–8

FRACTURES, SPONTANEOUS

Stress fractures in runners. Daffner RH, et al. **JAMA** 1982 Feb 19;247(7):1039–41

FUNCTIONAL RESIDUAL CAPACITY

Changes in functional residual capacity during exercise in patients with exercise-induced asthma. Kiers A, et al. **Bull Eur Physiopathol Respir** 1981 Nov–Dec;17(6):869–78

GYMNASTICS

Stress fractures of the distal radius in adolescent gymnasts. Read

PHYSICAL FITNESS/SPORTS MEDICINE

GYMNASTICS

MT. **Br J Sports Med** 1981 Dec;15(4):272–6

Traumatic closed femoral nerve neuropathy. Brozin IH, et al. **J Trauma** 1982 Feb;22(2):158–60

[Severe neurologic damage caused by trampoline jumps] Hammer A, et al. **Ugeskr Laeger** 1981 Nov 2;143(45):2970–4 (Eng. Abstr.) (Dan)

[Accidents related to physical education in school: epidemiologic and preventive approach] Jeanneret O, et al. **Soz Praventivmed** 1981 Dec;26(6):377–83 (Eng. Abstr.) (Fre)

HALOPERIDOL

The role of dopaminergic and serotonergic mechanisms in the development of swimming ability of young rats. Tamásy V, et al. **Dev Neurosci** 1981;4(5):389–400

HAND INJURIES

[Winter sport injuries of the hand] Gerber C, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):129–36 (Eng. Abstr.)(Ger)

HANDICAPPED

Fitness and the physically disabled. A review. Emes CG. **Can J Appl Sport Sci** 1981 Dec;6(4):176–8 (23 ref.)

Effectiveness of the I CAN physical education instructional system for handicapped individuals, K–12: a summary report. Wessel JA. **Can J Appl Sport Sci** 1981 Dec;6(4):168–75

Cardiorespiratory fitness and muscular strength of wheelchair users. Davis GM, et al. **Can Med Assoc J** 1981 Dec 15; 125(12):1317–23 (67 ref.)

Individual assessment procedures for multihandicapped and implementation of a sports program. Bergel RR. **Int J Rehabil Res** 1981;4(3):365–78

Exercise for children with physical disabilities. Bernard B, et al. **Issues Compr Pediatr Nurs** 1981 Mar–Apr;5(2):99–107

Establishing a swimming club for disabled people. Grasty PM. **Physiotherapy** 1981 Oct;67(10):292–5

The Halliwick Method. Martin J. **Physiotherapy** 1981 Oct; 67(10):288–91

HEAD INJURIES

A case of an irregular altitudinal field defect associated with a traumatic choroidal rupture. Jones WL. **Am J Optom Physiol Opt** 1981 Dec;58(12):1134–7

Casualty attendances: one year's experience at Waikato Hospital. McRae S, et al. **NZ Med J** 1982 Jan 13;95(699):12–4

[Severe neurologic damage caused by trampoline jumps] Hammer A, et al. **Ugeskr Laeger** 1981 Nov 2;143(45):2970–4 (Eng. Abstr.) (Dan)

[Fatal cranio–cerebral injuries caused by skiing accidents and their prevention] Oh SY, et al. **Schweiz Z Sportmed** 1981 Dec; 29(4):137–41 (Eng. Abstr.) (Ger)

[Pattern of alpine ski accidents] Spinas GA, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):109–15 (Eng. Abstr.)(Ger)

HEADACHE

Prolonged benign exertional headache: clinical characteristics and response to indomethacin. Diamond S, et al. **Adv Neurol** 1982; 33:145–9

Oral isosorbide dinitrate in angina pectoris: comparison of duration of action an dose–response relation during acute and sustained therapy. Thadani U, et al. **Am J Cardiol** 1982 Feb 1; 49(2):411–9

The relationship between muscle discrimination ability and response to relaxation training in three kinds of headaches. Blanchard EB, et al. **Biofeedback Self Regul** 1981 Dec; 6(4):537–45

Benign exertional headaches. Diamond S. **Postgrad Med** 1982 Mar; 71(3):244–5

HEALTH EDUCATION

A school–based behavior modification, nutrition education, and physical activity program for obese children. Brownell KD, et al. **Am J Clin Nutr** 1982 Feb;35(2):277–83

Childhood injuries: recognition and prevention. Berger LR. **Curr Probl Pediatr** 1981 Nov;12(1):1–59

Teaching ideas: cardiovascular health. An elementary fitness program that works. Davis RG. **Health Educ (Wash)** 1982 Jan–Feb;13(1):54

Health education for corporations: efforts toward a professional preparation program. Golaszewski T. **Health Educ (Wash)** 1981 Nov–Dec;12(6):4–6

Athletes score a hit with kids in grades four through eight. McDermott RJ, et al. **J Sch Health** 1982 Feb;52(2):94–6

Treating adolescent obesity: a pilot project in a school. Zakus G, et al. **J Sch Health** 1981 Dec;51(10):663–6

What do we know about the effects of sports training on the menstrual cycle? Macvicar MG, et al. **MCN** 1982 Jan–Feb; 7(1):55–8

Health education [letter] Leslie PN. **NZ Med J** 1981 Dec 23; 94(698):468

[Ski camps for juvenile diabetics. Experiences with 2 vacation ski courses] Baumgartner F, et al. **Padiatr Padol** 1982;17(1):95–8 (Eng. Abstr.) (Ger)

HEALTH STATUS

Massachusetts Department of Public Health. Risk factors and life style: a statewide health–interview survey. Lambert CA, et al. **N Engl J Med** 1982 Apr 29;306(17):1048–51

Previous job and health at the age of 70. Roupe S, et al. **Scand J Soc Med** 1981;9(1):25–31

HEART

Application of a temporal Fourier transform for evaluation of regional wall motion disturbances by radionuclide ventriculography at rest and at exercise. Bossuyt A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:105–11

Effect of image computer processing on the sensitivity and specificity of stress myocardial scintigraphy. Lenaers A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:95–103

Radionuclide angiography during exercise: review of methodology and results in normal subjects. Rigo P, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:87–94

Investigation of the mechanisms and consequences of transient myocardial ischaemia. Allan RM, et al. **Acta Med Scand [Suppl]** 1981;651:133–8

Evaluation of patients with ischemic heart disease by thallium–201 myocardial imaging. Pitt B, et al. **Am Heart J** 1982 Apr; 103(4 Pt 2):784–8

Can exercise electrocardiography and thallium–201 myocardial imaging exclude the diagnosis of coronary artery disease? Bayesian analysis of the clinical limits of exclusion and indications for coronary angiography. Patterson RE, et al. **Am J Cardiol** 1982 Apr 1;49(5):1127–35

Combined acebutolol/nifedipine therapy in patients with chronic coronary artery disease: additional improvement of ischemia–induced left ventricular dysfunction. Pfisterer M, et al. **Am J Cardiol** 1982 Apr 1;49(5):1259–66

Myocardial perfusion imaging. Ritchie JL. **Am J Cardiol** 1982 Apr 1;49(5):1341–7

Exercise testing early after myocardial infarction. Risks and benefits. Miller DH, et al. **Am J Med** 1982 Mar;72(3):427–38 (72 ref.)

Myocardial blood flow and metabolism in the diving seal. Kjekshus JK, et al. **Am J Physiol** 1982 Jan;242(1):R97–104

Relationships between adenosine and coronary resistance in conscious exercising dogs. McKenzie JE, et al. **Am J Physiol** 1982 Jan;242(1):H24–9

Sense and nonsense about the Fenn effect. Rall JA. **Am J Physiol** 1982 Jan;242(1):H1–6

Sarcomere length control in striated muscle. van Heuningen R, et al. **Am J Physiol** 1982 Mar;242(3):H411–20

Relationship of resting ejection fraction and extent of coronary arterial disease with changes of QRS amplitude during exercise stress testing. Moreyra AE, et al. **Angiology** 1981 Nov; 32(11):788–96

Influence of physical training on the effects of dietary oils on cardiac morphology and phospholipids in rats. Rocquelin G, et al. **Ann Nutr Metab** 1981 Nov–Dec;25(6):350–61

Radionuclide assessment of left ventricular function in patients requiring intraoperative balloon pump assistance. Davies RA, et al. **Ann Thorac Surg** 1982 Feb;33(2):123–31

The heart score theory in the racehorse. Stewart GA. **Aust Vet J** 1981 Sep;57(9):422–8 (33 ref.)

Myocardial infarct size and cardiac performance at exercise soon after myocardial infarction. Grande P, et al. **Br Heart J** 1982 Jan;47(1):44–50

Ambulatory electrocardiographic recording in endurance athletes. Viitasalo MT, et al. **Br Heart J** 1982 Mar;47(3):213–20

Scintigraphic anatomy of coronary artery disease in digital thallium–201 myocardial images. Wainwright RJ. **Br Heart J** 1981 Nov;46(5):465–77

Segmental quantitative analysis of digital thallium–201 myocardial scintigrams in diagnosis of coronary artery disease. Comparison with rest and exercise electrocardiography and coronary arteriography. Wainwrwight RJ, et al. **Br Heart J** 1981 Nov; 46(5):478–85

Methodology devised for a program to improve efficiency and reduce risks for wheelchair locomotion. Glaser RM, et al. **Bull Prosthet Res** 1981 Spring;18(1):63–8

Cardiorespiratory fitness and muscular strength of wheelchair users. Davis GM, et al. **Can Med Assoc J** 1981 Dec 15; 125(12):1317–23 (67 ref.)

Prognostic values of exercise testing and drug effects on the

exercise ECG. **Cardiology** 1981;68 Suppl 2:1–214
Left ventricular function during exercise before and after bypass surgery. Hirzel HO, et al. **Cardiology** 1981;68 Suppl 2:99–107
Myocardial blood flow and mechanics in volume overload–induced left ventricular hypertrophy in dogs. Hultgren PB, et al. **Cardiovasc Res** 1981 Sep;15(9):522–8
Evaluating the positive exercise stress test in the asymptomatic individual. Laslett LJ, et al. **Chest** 1982 Mar;81(3):364–7
A comparative study on the effects of ageing and training on the levels of lipofuscin in various tissues of the rat. Basson AB, et al. **Comp Biochem Physiol [A]** 1982;71(3):369–74
Noninvasive assessment of patients with ischemic heart disease. Crawford MH. **Curr Probl Cardiol** 1981 Oct;6(7):1–50
Chronic exercise and cardiac vascularization. Tharp GD, et al. **Eur J Applied Physiol** 1982;48(1):97–104
Myocardial imaging with dipyridamole: comparison of the sensitivity and specificity of 201Tl versus MUGA. Harris D, et al. **Eur J Nucl Med** 1982;7(1):1–5
Comparative study of ultrastructure and function of the rat heart hypertrophied by exercise or hypoxia. Guski H, et al. **Exp Pathol** 1981;20(2):108–20
Age differences in some physiological functions during heavy physical work. Solonin YuG, et al. **Hum Physiol** 1981 Mar–Apr; 7(2):92–8
Effect of an exercise run to exhaustion on cAMP in the rat heart. Goldfarb AH, et al. **J Appl Physiol** 1981 Dec;51(6):1539–42
Effect of physical training on coronary collateral circulation of the rat. Koerner JE, et al. **J Appl Physiol** 1982 Feb; 52(2):376–87
Impaired cardiac 'acceleration' at the onset of exercise in patients with coronary disease. Zimmerman P, et al. **J Appl Physiol** 1982 Jan;52(1):71–8
Performance of the rotating slant–hole collimator for the detection of myocardial perfusion abnormalities. Ratib O, et al. **J Nucl Med** 1982 Jan;23(1):34–41
Inotropic and electrophysiologic effects of amrinone in untreated and digitalized ventricular tissues. Rosenthal JE, et al. **J Pharmacol Exp Ther** 1982 Apr;221(1):188–96
Increased regional myocardial perfusion after intracoronary papaverine in patients after coronary artery bypass grafting. Goldman S, et al. **J Thorac Cardiovasc Surg** 1982 Apr; 83(4):563–8
Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235–44
Clinical evaluation of stress myocardial scintigraphy with thallium–201 in patients with ischemic heart disease. Semiquantitative analysis of single dose myocardial imaging. Nakashima Y, et al. **Jpn Circ J** 1982 Mar;46(3):245–51
Cardiac dimensions and performance after either arm or leg endurance training. Thompson PD, et al. **Med Sci Sports Exerc** 1981;13(5):303–9
Improved myocardial function during exercise after successful percutaneous transluminal coronary angioplasty. Kent KM, et al. **N Engl J Med** 1982 Feb 25;306(8):441–6
Acute negative inotropic effect of adriamycin (doxorubicin). Höfling B, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Nov;317(3):252–6
Effects of a new antiarrhythmic compound [2–benzal–1–(2' diisopropyl–amino–ethoxy–imino)–cycloheptane hydrogen fumarate] on the electrophysiological properties of mammalian cardiac cells. Rüdiger HJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Nov; 317(3):238–44
Improved cardiopulmonary status after a two–month program of graded arm exercise in a patient with C6 quadriplegia. A case report. DiCarlo SE. **Phys Ther** 1982 Apr;62(4):456–9
Electrocardiographic and metabolic investigations concerning the exhaustive exercise under conditions of adrenergic blocking in rats. Schneider F, et al. **Physiologie** 1982 Jan–Mar;19(1):31–3
Protection against the cardiotoxic effect of isoproterenol–HCl by dietary polyunsaturated fatty acids and exercise. Crandall DL, et al. **Toxicol Appl Pharmacol** 1982 Jan;62(1):152–7
[The diagnostic value of QRS and ST changes during exercise. A study in normal subjects and coronary patients (author's transl)] Bertoni T, et al. **G Ital Cardiol** 1981;11(6):776–85 (31 ref.) (Eng. Abstr.) **(Ita)**
[Exercise test in 100 healthy children between 5 and 12 years of age (author's transl)] Pirelli S, et al. **G Ital Cardiol** 1981; 11(6):719–23 (Eng. Abstr.) **(Ita)**
[Value of the determination of the R wave amplitude and QRS complex after submaximal physical exertion in the diagnosis of coronary disease] Markiewicz M, et al. **Wiad Lek** 1981 Sep 15; 34(18):1493–8 (Eng. Abstr.) **(Pol)**
[Program and results of 10 weeks' physical training of myocardial infarct patients and patients with exertion stenocardia] Liusov VA, et al. **Kardiologiia** 1982 Jan;22(1):49–53 (Eng. Abstr.) **(Rus)**
[Effect of physical load adaptation on the age–related dynamics of the contractile function and weight of the human left ventricle] Meerson FZ, et al. **Kardiologiia** 1982 Jan;22(1):85–90 (Eng. Abstr.) **(Rus)**

HEART ANEURYSM

Noninvasive assessment of patients with ischemic heart disease. Crawford MH. **Curr Probl Cardiol** 1981 Oct;6(7):1–50

HEART ATRIUM

Effects of a new antiarrhythmic compound [2–benzal–1–(2' diisopropyl–amino–ethoxy–imino)–cycloheptane hydrogen fumarate] on the electrophysiological properties of mammalian cardiac cells. Rüdiger HJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Nov; 317(3):238–44

HEART BLOCK

Ambulatory electrocardiographic recording in endurance athletes. Viitasalo MT, et al. **Br Heart J** 1982 Mar;47(3):213–20
[An unusual association of supraventricular tachycardia and conduction disturbances during exercise testing (author's transl)] Heraudeau A, et al. **Ann Cardiol Angeiol (Paris)** 1982 Jan–Feb; 31(1):55–8 (Eng. Abstr.) **(Fre)**

HEART CATHETERIZATION

Management of severe chronic CHF with oral pirbuterol. Awan NA, et al. **Acta Med Scand [Suppl]** 1981;(652):155–62
Chest pain and rate–dependent left bundle branch block in patients with normal coronary arteriograms. Virtanen KS, et al. **Chest** 1982 Mar;81(3):326–31
Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235–44
[Exercise–induced coronary artery spasm. Angiographic demonstration and results of medical treatment] García Rubí DE, et al. **Arch Inst Cardiol Mex** 1981 Nov–Dec;51(6):559–64 (Eng. Abstr.) **(Spa)**

HEART CONDUCTION SYSTEM

Ambulatory electrocardiographic recording in endurance athletes. Viitasalo MT, et al. **Br Heart J** 1982 Mar;47(3):213–20
[Exercise test in chronic Chagas' cardiomyopathy. Its value in the early diagnosis. The behavior of ventricular arrhythmias and conduction disorders due to exercise in the more advanced stages of the disease] Molina A, et al. **Arq Bras Cardiol** 1981 Feb; 36(2):95–100 (Eng. Abstr.) **(Spa)**
[Cardiac Rehabilitation (author's transl)] Román O. **Rev Med Chil** 1981 May;109(5):453–8 (Eng. Abstr.) **(Spa)**

HEART DISEASES

Prognostic values of exercise testing and drug effects on the exercise ECG. **Cardiology** 1981;68 Suppl 2:1–214
Hemodynamic effects of N–acetylprocainamide in heart disease. Crawford MH, et al. **Clin Pharmacol Ther** 1982 Apr; 31(4):459–65
Exercise and sudden– part II. McManus BM, et al. **Curr Probl Cardiol** 1982 Jan;6(10):1–57
The child with heart disease: play, recreation, and sports. Strong WB, et al. **Curr Probl Cardiol** 1981 Nov;6(8):1–38
International conference on sports medicine 1981. 'Muscle in sports medicine.' Utrecht, The Netherlands, March 23–26, 1981. Abstracts. **Int J Sports Med** 1981 Aug;2(3):182–99
Patient reaction to the Singapore General Hospital cardiac rehabilitation programme. Sabapathy FR. **Singapore Med J** 1981 Aug;22(4):236–8
[Changes of the isoenzyme spectrum of pyruvate kinase during compensated heart hyperfunction] Meerson FZ, et al. **Vopr Med Khim** 1982 Jan–Feb;28(1):98–103 (Eng. Abstr.)**(Rus)**
[Cardiac Rehabilitation (author's transl)] Román O. **Rev Med Chil** 1981 May;109(5):453–8 (Eng. Abstr.) **(Spa)**

HEART ENLARGEMENT

False positive stress tests due to undetected left ventricular hypertrophy. Wroblewski EM, et al. **Am J Epidemiol** 1982 Mar; 115(3):412–7
Sudden death in young athletes. Tsung SH, et al. **Arch Pathol Lab Med** 1982 Apr;106(4):168–70
Sudden death and partial absence of the right ventricular myocardium: a report of three cases and a review of the literature. Virmani R, et al. **Arch Pathol Lab Med** 1982 Apr; 106(4):163–7
Cardiac energetics in short and long term hypertrophy induced by aortic coarctation. Coughlin P, et al. **Cardiovasc Res** 1981

PHYSICAL FITNESS/SPORTS MEDICINE

HEART ENLARGEMENT

Nov;15(11):623–31

Myocardial blood flow and mechanics in volume overload-induced left ventricular hypertrophy in dogs. Hultgren PB, et al. **Cardiovasc Res** 1981 Sep;15(9):522–8

Comparative study of ultrastructure and function of the rat heart hypertrophied by exercise or hypoxia. Guski H, et al. **Exp Pathol** 1981;20(2):108–20

Heat, mechanics, and myosin ATPase in normal and hypertrophied heart muscle. Alpert NR, et al. **Fed Proc** 1982 Feb; 41(2):192–8

The stress-strain relationship of the diastolic cardiac muscle and left ventricular compliance in the pressure-overload canine heart. Nakamura T, et al. **Jpn Circ J** 1982 Jan;46(1):76–83

The effects of an exercise training upon subsequently induced cardiac enlargement. Hodgins DS. **Proc Soc Exp Biol Med** 1982 Mar;169(3):392–6

HEART FAILURE, CONGESTIVE

Management of severe chronic CHF with oral pirbuterol. Awan NA, et al. **Acta Med Scand [Suppl]** 1981;(652):155–62

Captopril – an oral angiotensin-converting enzyme inhibitor in CHF. Chatterjee K, et al. **Acta Med Scand [Suppl]** 1981; (652):181–7

Response of plasma norepinephrine and epinephrine to dynamic exercise in patients with congestive heart failure. Francis GS, et al. **Am J Cardiol** 1982 Apr 1;49(5):1152–6

The value of postcardiac infarction exercise stress testing: identification of a group at high risk. Srinivasan M, et al. **Med J Aust** 1981 Oct 31;2(9):466–7

Effectiveness of long-term vasodilator administration in the treatment of chronic left ventricular failure. Franciosa JA. **Prog Cardiovasc Dis** 1982 Jan–Feb;24(4):319–30 (90 ref.)

[Limitations of long-term treatment with vasodilator agents in increasing maximum functional capacity in patients with left ventricular insufficiency] Gronda E, et al. **G Ital Cardiol** 1981; 11(6):803–11 (Eng. Abstr.) **(Ita)**

HEART FUNCTION TESTS

Radionuclide angiography during exercise: review of methodology and results in normal subjects. Rigo P, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:87–94

False positive stress tests due to undetected left ventricular hypertrophy. Wroblewski EM, et al. **Am J Epidemiol** 1982 Mar; 115(3):412–7

Left ventricular function during exercise before and after bypass surgery. Hirzel HO, et al. **Cardiology** 1981;68 Suppl 2:99–107

Non-invasive cardiovascular assessment of indapamide in patients with essential hypertension. Dunn FG, et al. **Postgrad Med J** 1981;57 Suppl 2:19–22

[Exercise test in the differential diagnosis of ischemic heart disease in women] Zemánková J, et al. **Vnitr Lek** 1982 Feb; 28(2):142–51 (Eng. Abstr.) **(Cze)**

HEART RATE

The multifactorial approach to myocardial salvage. The experience from diving seals. Kjekshus JK, et al. **Acta Med Scand [Suppl]** 1981;651:49–57

Effect of timolol on platelet aggregation in coronary heart disease. Thaulow E, et al. **Acta Med Scand [Suppl]** 1981;651:101–9

Treatment of obese schoolchildren with special reference to the mode of therapy, cardiorespiratory performance and the carbohydrate and lipid metabolism. Ylitalo V. **Acta Paediatr Scand [Suppl]** 1981;290:1–108

Influence of relative humidity and repeated exercise on exercise-induced bronchoconstriction. Henriksen JM, et al. **Allergy** 1981 Oct;36(7):463–70

Reduction of submaximal exercise myocardial oxygen demand post-walk training program in coronary patients due to improved physical work efficiency. Dressendorfer RH, et al. **Am Heart J** 1982 Mar;103(3):358–62

Comparative analysis of physiologic responses to three different maximal graded exercise test protocols in healthy women. Pollock ML, et al. **Am Heart J** 1982 Mar;103(3):363–73

Exercise responses before and after physical conditioning in patients with severely depressed left ventricular function. Conn EH, et al. **Am J Cardiol** 1982 Feb 1;49(2):296–300

Efficacy of diltiazem in angina on effort: a multicenter trial. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):567–72

Divergent effects of diltiazem in patients with exertional angina. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):538–46

Combined acebutolol/nifedipine therapy in patients with chronic coronary artery disease: additional improvement of ischemia-induced left ventricular dysfunction. Pfisterer M, et al. **Am J Cardiol** 1982 Apr 1;49(5):1259–66

Long-term efficacy of diltiazem in chronic stable angina associated with atherosclerosis: effect on treadmill exercise. Pool PE, et al. **Am J Cardiol** 1982 Feb 18;49(3):573–7

Verapamil in stable effort angina: effects on left ventricular function evaluated with exercise radionuclide ventriculography. Tan AT, et al. **Am J Cardiol** 1982 Feb 1;49(2):425–30

Effect of a meal and previous exercise on the oxygen consumption/heart rate relationship [letter] Balwin K, et al. **Am J Clin Nutr** 1982 Jan;35(1):177–8

Fetal heart rate reactivity before and after maternal jogging during the third trimester. Hauth JC, et al. **Am J Obstet Gynecol** 1982 Mar 1;142(5):545–7

Myocardial blood flow and metabolism in the diving seal. Kjekshus JK, et al. **Am J Physiol** 1982 Jan;242(1):R97–104

Relationships between adenosine and coronary resistance in conscious exercising dogs. McKenzie JE, et al. **Am J Physiol** 1982 Jan;242(1):H24–9

Maintained ability of carotid baroreflex to regulate arterial pressure during exercise. Melcher A, et al. **Am J Physiol** 1981 Dec; 241(6):H838–49

Clinical relevance of intrinsic sympathomimetic activity of beta blockers. Kostis JB, et al. **Angiology** 1981 Nov;32(11):780–7 (10 ref.)

The behavior of the Nicoladoni–Branham sign at rest and under effort. Longo T, et al. **Angiology** 1981 Nov;32(11):797–803

Continuous and intermittent running in the provocation of asthma. Morton AR, et al. **Ann Allergy** 1982 Feb;48(2):123–9

Effect of oral terbutaline on exercise-induced asthma. Sly RM, et al. **Ann Allergy** 1982 Mar;48(3):151–5

The heart score theory in the racehorse. Stewart GA. **Aust Vet J** 1981 Sep;57(9):422–8 (33 ref.)

A study of treadmill exercise protocols for Chinese males. Ho BL. **Aviat Space Environ Med** 1982 Feb;53(2):112–6

Acceleration induced voltage variations in the electrocardiogram during exhaustive simulated aerial combat maneuvering. Whinnery JE. **Aviat Space Environ Med** 1982 Feb; 53(2):147–52

Myocardial infarct size and cardiac performance at exercise soon after myocardial infarction. Grande P, et al. **Br Heart J** 1982 Jan;47(1):44–50

Interrelation of heart rate and autonomic activity in asymptomatic men with unobstructed coronary arteries. Studies with atrial pacing, adrenaline infusion, and autonomic blockade. Taggart P, et al. **Br Heart J** 1982 Jan;47(1):19–25

Ambulatory electrocardiographic recording in endurance athletes. Viitasalo MT, et al. **Br Heart J** 1982 Mar;47(3):213–20

Pre- and post-adolescents' physiological response to exercise. Bale P. **Br J Sports Med** 1981 Dec;15(4):246–9

Post-competition blood lactate concentrations in competitive track cyclists. Burke ER, et al. **Br J Sports Med** 1981 Dec; 15(4):242–5

Plasma cyclic-AMP and cyclic-GMP response levels in diabetes mellitus subjected to Cooper's aerobic programmed treadmill test. Kawasaki T, et al. **Bull Osaka Med Sch** 1980 Oct; 26(2):88–100

Daily energy expenditure of young boys as related to maximal aerobic power. Cunningham DA, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):207–11

Fitness and the physically disabled. A review. Emes CG. **Can J Appl Sport Sci** 1981 Dec;6(4):176–8 (23 ref.)

Cyclic variations in perceived exertion and physical work capacity in females. Higgs SL, et al. **Can J Appl Sport Sci** 1981 Dec; 6(4):191–6

The use of the aerobic threshold as a basis for training. McLellan TM, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):197–201

Central and peripheral adaptations of the gas transport system to one-leg training. Thomas SG, et al. **Can J Physiol Pharmacol** 1981 Nov;59(11):1146–54

Predictive value of symptom-limited exercise testing for life expectancy in inoperable coronary patients with disabling angina. Broustet JP, et al. **Cardiology** 1981;68 Suppl 2:114–23

Evaluation of antianginal drug treatment by precordial exercise electrocardiography. Cokkinos DV, et al. **Cardiology** 1981; 68 Suppl 2:141–6

Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. Deanfield J, et al. **Cardiology** 1981; 68 Suppl 2:186–9

The angina pectoris threshold heart rate as a prognostic sign. Results of a 5-year follow-up. Hayet M, et al. **Cardiology** 1981; 68 Suppl 2:78–83

Exercise testing in patients with valve replacement. Kraus F, et al. **Cardiology** 1981;68 Suppl 2:91–8

Evaluation of effect of drugs on the exercise ECG. Sanchez-Cascos A. **Cardiology** 1981;68 Suppl 2:190–4

Antianginal effect of nifedipine after intracoronary and intravenous administration judged by reduction of ischemic ST-segment depression in exercise tests. Schulz W, et al. **Cardiology** 1981; 68 Suppl 2:200–8

The effects of drugs on the exercise electrocardiogram. Simoons ML, et al. **Cardiology** 1981;68 Suppl 2:124–32

Clinical use of oral verapamil in chronic and paroxysmal atrial fibrillation. Stern EH, et al. **Chest** 1982 Mar;81(3):308–11

Chest pain and rate-dependent left bundle branch block in patients with normal coronary arteriograms. Virtanen KS, et al. **Chest** 1982 Mar;81(3):326–31

Work as a correlate of canine left ventricular oxygen consumption, and the problem of catecholamine oxygen wasting. Rooke GA, et al. **Circ Res** 1982 Feb;50(2):273–86

Left ventricular function in trained and untrained healthy subjects. Bar-Shlomo BZ, et al. **Circulation** 1982 Mar;65(3):484–8

Assessment of jeopardized myocardium in patients with one-vessel disease. Iskandrian AS, et al. **Circulation** 1982 Feb;65(2):242–7

Comparative value of the cold-pressor test and supine bicycle exercise to detect subjects with coronary artery disease using radionuclide ventriculography. Manyari DE, et al. **Circulation** 1982 Mar;65(3):571–9

Reversal of exercise-induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. Sarma RJ, et al. **Circulation** 1982 Apr;65(4):684–9

Hemodynamic correlates of autonomic reflexes in patients with labile and fixed hypertension. Chrysant SG, et al. **Clin Exp Hypertens** 1981;3(6):1109–19

Hemodynamic effects of N-acetylprocainamide in heart disease. Crawford MH, et al. **Clin Pharmacol Ther** 1982 Apr; 31(4):459–65

Autonomic control of the immediate heart rate response to lying down. Bellavere F, et al. **Clin Sci** 1982 Jan;62(1):57–64

A new system for long-term recording and processing of heart rate and physical activity in outpatients. Taylor CB, et al. **Comput Biomed Res** 1982 Feb;15(1):7–17

Work load and fatigue in repetitive arm elevations. Hagberg M. **Ergonomics** 1981 Jul;24(7):543–55

Job satisfaction, perceived effort and heart rate in light industrial work. Khaleque A. **Ergonomics** 1981 Sep;24(9):735–42

Early exercise test for evaluation of long-term prognosis after uncomplicated myocardial infarction. Velasco J, et al. **Eur Heart J** 1981 Oct;2(5):401–7

Factors affecting the heart rate during self-paced walking. Bassey EJ, et al. **Eur J Applied Physiol** 1982;48(1):105–15

Exercise heart rate response to facial cooling. Riggs CE Jr, et al. **Eur J Applied Physiol** 1981;47(4):323–30

Responsiveness of the renin-aldosterone system during exercise in young patients with essential hypertension. Pedersen EB, et al. **Eur J Clin Invest** 1981 Oct;11(5):403–8

Response of blood pressure and plasma norepinephrine to propranolol, metoprolol and clonidine during isometric and dynamic exercise in hypertensive patients. Virtanen K, et al. **Eur J Clin Pharmacol** 1982;21(4):275–9

Age differences in some physiological functions during heavy physical work. Solonin YuG, et al. **Hum Physiol** 1981 Mar–Apr; 7(2):92–8

Electrocardiographic changes after long-term treatment with sotalol in hypertensive patients. Castro M, et al. **Int J Clin Pharmacol Ther Toxicol** 1982 Feb;20(2):88–91

Physiologic response to endurance work as a function of prior exercise. Gutin B, et al. **Int J Sports Med** 1981 May; 2(2):87–91

Assessment of different forms of physical activity with respect to preventive and rehabilitative cardiology. Hollmann W, et al. **Int J Sports Med** 1981 May;2(2):67–80

Effects of beta-adrenergic blockade on endurance and short-time performance in respect to individual muscle fiber composition. Kaiser P, et al. **Int J Sports Med** 1981 Feb;2(1):37–42

Plasma catecholamines in trained and untrained volunteers during graduated exercise. Lehmann M, et al. **Int J Sports Med** 1981 Aug;2(3):143–7

Effect of physical training on exercise-induced sweating in women. Araki T, et al. **J Appl Physiol** 1981 Dec;51(6):1526–32

Heart contractility at pressure loads induced by ischemia of exercised muscle in humans. Bonde-Petersen F, et al. **J Appl Physiol** 1982 Feb;52(2):340–5

A physiological comparison of young and older endurance athletes. Heath GW, et al. **J Appl Physiol** 1981 Sep;51(3):634–40

Estimation of cardiac output by electrical impedance during arm exercise in women. Miles DS, et al. **J Appl Physiol** 1981 Dec; 51(6):1488–92

Orthostatic fluid-electrolyte and endocrine responses in fainters and nonfainters. Shvartz E, et al. **J Appl Physiol** 1981 Dec; 51(6):1404–10

Vagal and sympathetic contributions to the heart rate at rest and during isometric and dynamic exercise in young healthy men. Nyberg G. **J Cardiovasc Pharmacol** 1981 Nov–Dec; 3(6):1243–50

Lactate and glucose exchange across the forearm, legs, and splanchnic bed during and after prolonged leg exercise. Ahlborg G, et al. **J Clin Invest** 1982 Jan;69(1):45–54

Selected cardiac and metabolic responses to pseudoephedrine with exercise. Bright TP, et al. **J Clin Pharmacol** 1981 Nov–Dec; 21(11–12 Pt 1):488–92

Circulatory effects in healthy young men of atrial pacing at rest and during isometric handgrip. Bergenwald L, et al. **J Physiol (Lond)** 1981 Sep;318:445–53

Percentage of maximal heart rate and distance running performance of highly trained athletes. Conley DL. **J Sports Med Phys Fitness** 1981 Sep;21(3):233–7

The relationship between exercise intensity levels of two predictive heart rate equations and per cent maximal oxygen consumption. Fabo S, et al. **J Sports Med Phys Fitness** 1981 Sep; 21(3):226–30

Selected fitness parameters of college female lacrosse players. Schmidt MN, et al. **J Sports Med Phys Fitness** 1981 Sep; 21(3):282–90

Blood pressure during normal daily activities, sleep, and exercise. Comparison of values in normal and hypertensive subjects. Pickering TG, et al. **JAMA** 1982 Feb 19;247(7):992–6

Firefighters' reaction to alarm, an ECG and heart rate study. Kuorinka I, et al. **JOM** 1981 Nov;23(11):762–6

The effects of prolonged exercise on spinally injured subjects. Gass GC, et al. **Med Sci Sports Exerc** 1981;13(5):277–83

Long-term Holter ECG monitoring of athletes. Hanne-Paparo N, et al. **Med Sci Sports Exerc** 1981;13(5):294–8

Heart rate response to bicycle ergometer exercise in children ages 6–7 years. Pels AE 3d, et al. **Med Sci Sports Exerc** 1981; 13(5):299–302

Cardiac dimensions and performance after either arm or leg endurance training. Thompson PD, et al. **Med Sci Sports Exerc** 1981;13(5):303–9

Improved cardiopulmonary status after a two-month program of graded arm exercise in a patient with C6 quadriplegia. A case report. DiCarlo SE. **Phys Ther** 1982 Apr;62(4):456–9

Electrocardiographic and metabolic investigations concerning the exhaustive exercise under conditions of adrenergic blocking in rats. Schneider F, et al. **Physiologie** 1982 Jan–Mar;19(1):31–3

Non-invasive cardiovascular assessment of indapamide in patients with essential hypertension. Dunn FG, et al. **Postgrad Med J** 1981;57 Suppl 2:19–22

Comparison of blood lipids, lipoproteins, anthropometric measures, and resting and exercise cardiovascular responses in children, 6—7 years old. Gilliam TB, et al. **Prev Med** 1981 Nov; 10(6):754–64

Erythrocyte changes during training in high school women cross-country runners. Puhl JL, et al. **Res Q Exerc Sport** 1981 Dec;52(4):484–94

Control system evaluations of the THI/Gould LVAS: pump rate and stroke volume responsiveness during exercise in the unanesthetized calf. Igo SR, et al. **Trans Am Soc Artif Intern Organs** 1981;27:454–60

[The aerobic and anaerobic capacity of adolescents and catecholamine excretion during prolonged submaximal exercise (author's transl)] Lehmann M, et al. **Eur J Applied Physiol** 1982; 48(1):135–45 (Eng. Abstr.) **(Ger)**

[Methodologic and exercise-physiologic principles of ergometry: value of noninvasive parameters in the detection of compromised exercise capacity due to heart disease (author's transl)] Franz IW, et al. **Herz** 1982 Feb;7(1):29–41 (29 ref.) (Eng. Abstr.) **(Ger)**

[Ergometry in childhood. Normal values and use in paediatric cardiology (author's transl)] Mocellin R. **Herz** 1982 Feb; 7(1):42–9 (28 ref.) (Eng. Abstr.) **(Ger)**

[Principles of ergometry. Part I. Physiologic basis and methodology] Niederberger M. **Herz** 1982 Feb;7(1):1–19 (Eng. Abstr.) **(Ger)**

[Principles of ergometry. – Part II: criteria for assessment of the exercise test. Criteria for interpretation (author's transl)] Niederberger M. **Herz** 1982 Feb;7(1):20–8 (114 ref.) (Eng. Abstr.) **(Ger)**

[Use of physical fitness for indirect appreciation of age in dialysed patients (author's transl)] Havel V, et al. **ZFA (Dresden)** 1981; 36(6):537–42 (Eng. Abstr.) **(Ger)**

[Indications for the use of phosphocreatine in cardiology] Pinelli G, et al. **Clin Ter** 1982 Feb 15;100(3):261–79 (Eng. Abstr.) **(Ita)**

[Echocardiographic study of left ventricular performance during sitting bicycle exercise (author's transl)] Corallo S, et al. **G Ital Cardiol** 1981;11(8):1072–82 (Eng. Abstr.) **(Ita)**

[Exercise test in 100 healthy children between 5 and 12 years of age (author's transl)] Pirelli S, et al. **G Ital Cardiol** 1981; 11(6):719–23 (Eng. Abstr.) **(Ita)**

[Hemodynamic responses to supine bicycle exercise in juvenile hypertensive subjects: an echocardiographic assessment (author's transl)] Imataka K, et al. **J Cardiogr** 1981 Jun;11(2):449–56 (Eng. Abstr.) **(Jpn)**

[Changes of effort capacity in women professionally working in conditions of varying energetic expenses (author's transl)] Drewczyński A. **Przegl Lek** 1981;38(9):685–8 (Eng. Abstr.) **(Pol)**

[Behavior of the blood pressure curve during the ergometric stress test, in treated and non-treated hypertensive patients] Carrasco RM, et al. **Arq Bras Cardiol** 1981 Mar;36 Suppl 1:24–32 (Eng. Abstr.) **(Por)**

[Energy expenditure of young athletes during certain functional states and muscle activity] Filippov MM, et al. **Gig Sanit** 1982; (1):23–5 (Eng. Abstr.) **(Rus)**

PHYSICAL FITNESS/SPORTS MEDICINE

HEART RATE

[Comparative evaluation of pressure chamber training and high altitude adaptation to hypoxia in humans] Katkov AIu, et al. **Kosm Biol Aviakosm Med** 1982 Jan–Feb;16(1):74–7 (Eng. Abstr.) **(Rus)**

[Use of the treadmill maximum exercise test in school children] Dobo SS, et al. **Ter Arkh** 1981;53(12):37–40 (Eng. Abstr.) **(Rus)**

HEART VALVE PROSTHESIS

Exercise testing in patients with valve replacement. Kraus F, et al. **Cardiology** 1981;68 Suppl 2:91–8

HEART VENTRICLE

Application of a temporal Fourier transform for evaluation of regional wall motion disturbances by radionuclide ventriculography at rest and at exercise. Bossuyt A, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:105–11

Radionuclide angiographic exercise left ventricular performance in chronic aortic regurgitation: relationship to resting echographic ventricular dimensions and systolic wall stress index. Lewis SM, et al. **Am Heart J** 1982 Apr;103(4 Pt 1):498–504

Exercise responses before and after physical conditioning in patients with severely depressed left ventricular function. Conn EH, et al. **Am J Cardiol** 1982 Feb 1;49(2):296–300

Inability of exercise–induced R wave changes to predict coronary artery disease. Fox K, et al. **Am J Cardiol** 1982 Mar; 49(4):674–9

Verapamil in stable effort angina: effects on left ventricular function evaluated with exercise radionuclide ventriculography. Tan AT, et al. **Am J Cardiol** 1982 Feb 1;49(2):425–30

Alterations in mechanical properties of rat papillary muscle during maturation. Capasso JM, et al. **Am J Physiol** 1982 Mar; 242(3):H359–64

Loading determinants of relaxation in cat papillary muscle. Goethals MA, et al. **Am J Physiol** 1982 Mar;242(3):H303–9

Myocardial blood flow and metabolism in the diving seal. Kjekshus JK, et al. **Am J Physiol** 1982 Jan;242(1):R97–104

Radionuclide assessment of left ventricular function in patients requiring intraoperative balloon pump assistance. Davies RA, et al. **Ann Thorac Surg** 1982 Feb;33(2):123–31

Sudden death and partial absence of the right ventricular myocardium: a report of three cases and a review of the literature. Virmani R, et al. **Arch Pathol Lab Med** 1982 Apr; 106(4):163–7

Isolated disease of left anterior descending coronary artery. Angiocardiographic and clinical study of 218 patients. Brooks N, et al. **Br Heart J** 1982 Jan;47(1):71–7

Hang–out time of pulmonary valve in d–transposition of great arteries. Fouron JC, et al. **Br Heart J** 1982 Mar;47(3):277–80

Non–invasive assessment of changes in left ventricular relaxation by combined phono–, echo–, and mechanocardiography. Mattheos M, et al. **Br Heart J** 1982 Mar;47(3):253–60

Left ventricular function during exercise before and after bypass surgery. Hirzel HO, et al. **Cardiology** 1981;68 Suppl 2:99–107

Myocardial blood flow and mechanics in volume overload–induced left ventricular hypertrophy in dogs. Hultgren PB, et al. **Cardiovasc Res** 1981 Sep;15(9):522–8

Chest pain and rate–dependent left bundle branch block in patients with normal coronary arteriograms. Virtanen KS, et al. **Chest** 1982 Mar;81(3):326–31

Work as a correlate of canine left ventricular oxygen consumption, and the problem of catecholamine oxygen wasting. Rooke GA, et al. **Circ Res** 1982 Feb;50(2):273–86

Left ventricular function in trained and untrained healthy subjects. Bar–Shlomo BZ, et al. **Circulation** 1982 Mar;65(3):484–8

Comparative value of the cold–pressor test and supine bicycle exercise to detect subjects with coronary artery disease using radionuclide ventriculography. Manyari DE, et al. **Circulation** 1982 Mar;65(3):571–9

Changes in total and local contractility of the left ventricle, imaged by radionuclide ventriculography, in patients with ischaemic heart disease during submaximal exercise. Kramer AA, et al. **Cor Vasa** 1981;23(6):403–11

Comparative echocardiographic examinations in sitting and supine position at rest and during dynamic exercise. Dickhuth HH, et al. **Int J Sports Med** 1981 Aug;2(3):178–81

Treadmill stress test using body surface mapping in coronary artery disease—the clinical significance of ST depression. Kubota I, et al. **Jpn Circ J** 1982 Jan;46(1):8–15

The stress–strain relationship of the diastolic cardiac muscle and left ventricular compliance in the pressure–overload canine heart. Nakamura T, et al. **Jpn Circ J** 1982 Jan;46(1):76–83

The interaction of endurance running and ethanol on skeletal muscle mitochondria. Farrar RP, et al. **Life Sci** 1982 Jan 4; 30(1):67–75

Acute negative inotropic effect of adriamycin (doxorubicin). Höfling B, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Nov;317(3):252–6

Effects of a new antiarrhythmic compound [2–benzal–1–(2' diisopropyl–amino–ethoxy–imino)–cycloheptane hydrogen fumarate] on the electrophysiological properties of mammalian cardiac cells. Rüdiger HJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Nov; 317(3):238–44

Effectiveness of long–term vasodilator administration in the treatment of chronic left ventricular failure. Franciosa JA. **Prog Cardiovasc Dis** 1982 Jan–Feb;24(4):319–30 (90 ref.)

[Principles of ergometry. – Part II: criteria for assessment of the exercise test. Criteria for interpretation (author's transl)] Niederberger M. **Herz** 1982 Feb;7(1):20–8 (114 ref.) (Eng. Abstr.) **(Ger)**

[Rhythm disorders in the rehabilitation phase after myocardial infarct] Künzler A, et al. **Schweiz Med Wochenschr** 1981 Dec 12;111(50):1962–4 (Eng. Abstr.) **(Ger)**

[Echocardiographic study of left ventricular performance during sitting bicycle exercise (author's transl)] Corallo S, et al. **G Ital Cardiol** 1981;11(8):1072–82 (Eng. Abstr.) **(Ita)**

[Limitations of long–term treatment with vasodilator agents in increasing maximum functional capacity in patients with left ventricular insufficiency] Gronda E, et al. **G Ital Cardiol** 1981; 11(6):803–11 (Eng. Abstr.) **(Ita)**

[Study of the left ventricular function using a polygraphic method in patients with systemic arterial hypertension] Schirripa V, et al. **Minerva Med** 1982 Jan 14;73(1–2):77–80 (Eng. Abstr.) **(Ita)**

[Effect of physical load adaptation on the age–related dynamics of the contractile function and weight of the human left ventricle] Meerson FZ, et al. **Kardiologiia** 1982 Jan;22(1):85–90 (Eng. Abstr.) **(Rus)**

[Effect of amiodarone on ventricular arrhythmias evaluated by serial exercise testing (author's transl)] Corbalán R, et al. **Rev Med Chil** 1981 Apr;109(4):324–31 (Eng. Abstr.) **(Spa)**

HEAT

Cardiac energetics in short and long term hypertrophy induced by aortic coarctation. Coughlin P, et al. **Cardiovasc Res** 1981 Nov;15(11):623–31

Vascular volume changes during cycling and stepping in women at two hydration levels. Gaebelein CJ, et al. **Eur J Applied Physiol** 1982;48(1):1–10

Predicting sweat loss response to exercise, environment and clothing. Shapiro Y, et al. **Eur J Applied Physiol** 1982; 48(1):83–96

Effect of blood volume on sweating rate and body fluids in exercising humans. Fortney SM, et al. **J Appl Physiol** 1981 Dec; 51(6):1594–600

HEAT EXHAUSTION

Heat exhaustion during a mountain climb [letter] Bloch C. **S Afr Med J** 1982 Mar 6;61(10):342

Heatstroke during the 1981 National Cross–Country Running Championships [letter] Noakes TD. **S Afr Med J** 1982 Jan 30; 61(5):145

HEMOGLOBINS

The influence of hemoglobin concentration on exercise cardiac output. Freedson PS. **Int J Sports Med** 1981 May;2(2):81–6

Serum aldolase isoenzymes in athletes at rest and after long–lasting exercise. Haralambie G. **Int J Sports Med** 1981 Feb;2(1):31–6

[The effect of environment and physical exercise on red blood count in elite female swimmers (author's transl)] Lisý Z. **Cas Lek Cesk** 1982 Jan 22;121(3):74–7 (Eng. Abstr.) **(Cze)**

[Effects and dangers of hyperventilation] Odaglia G. **Minerva Med** 1981 Dec 30;72(52):3579–87 (Eng. Abstr.) **(Ita)**

[Effects of correction of eating behavior and metabolic consumption on diarrhea, subcutaneous tissue, growth and hemoglobin in 18 children with aspecific chronic diarrhea] Ciampolini M, et al. **Minerva Pediatr** 1981 Nov 30; 33(22):1081–7 (Eng. Abstr.) **(Ita)**

HIP

Stabilization of human posture during induced oscillations of the body. Diener HC, et al. **Exp Brain Res** 1982;45(1–2):126–32

A 10–week exercise program for senior citizens. Bassett C, et al. **Geriatr Nurs (New York)** 1982 Mar–Apr;3(2):103–5

Functional differentiation within the tensor fasciae latae. A telemetered electromyographic analysis of its locomotor roles. Paré EB, et al. **J Bone Joint Surg [Am]** 1981 Dec; 63–A(9):1457–71

A kinetic analysis of sprinting. Mann RV. **Med Sci Sports Exerc** 1981;13(5):325–8

HIP JOINT

Biomechanical analysis of forces acting about the canine hip.

Arnoczky SP, et al. **Am J Vet Res** 1981 Sep;42(9):1581-5

A three-dimensional biomechanical model of hip musculature. Dostal WF, et al. **J Biomech** 1981;14(11):803-12

Autonomic hyperreflexia following passive stretching to the hip joint. McGarry J, et al. **Phys Ther** 1982 Jan;62(1):30-1

[Incidence of previous engagement in sports among patients with symptomatic arthrosis. Controlled study] Boyer T, et al. **Rev Rhum Mal Osteoartic** 1981 Dec;48(12):793-7 (Eng. Abstr.) (Fre)

HOCKEY

Maximal anaerobic power in national level Indian players. Bhanot JL, et al. **Br J Sports Med** 1981 Dec;15(4):265-8

Cortical bone, body size, and skeletal maturity in ice hockey players 10 to 12 years of age. Meleski BW, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):212-7

Physiological profiles of representative women softball, hockey and netball players. Withers RT, et al. **Ergonomics** 1981 Aug; 24(8):583-91

[Winter sport injuries of the hand] Gerber C, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):129-36 (Eng. Abstr.)(Ger)

HYDROXYCHOLECALCIFEROLS

Muscle strength and pre-osteomalacia in vegetarian Asian women [letter] Isenberg DA, et al. **Lancet** 1982 Jan 2;1(8262):55

HYPERBARIC OXYGENATION

[Baromedicine—a current research field] Hesser CM. **Lakartidningen** 1981 Sep 16;78(38):3271-4 (Eng. Abstr.) (Swe)

HYPEREMIA

Adenosine and free-flow functional hyperemia in striated muscle. Proctor KG, et al. **Am J Physiol** 1982 Apr;242(4):H688-97

HYPERTENSION

Cocaine and contractile responses of vascular smooth muscle from spontaneously hypertensive rats. Webb RC, et al. **Arch Int Pharmacodyn Ther** 1981 Oct;253(2):241-56

Plasma high density lipoproteins in coronary, cerebral and peripheral vascular disease. The influence of various risk factors. Bihari-Varga M, et al. **Atherosclerosis** 1981 Nov-Dec; 40(3-4):337-45

Jogger's blockade [editorial] Breckenridge A. **Br Med J [Clin Res]** 1982 Feb 20;284(6315):532-3

Predictive value of symptom-limited exercise for risk assessment of primary and secondary events due to coronary heart disease in men. Bruce RA, et al. **Cardiology** 1981;68 Suppl 2:15-26

Hemodynamic correlates of autonomic reflexes in patients with labile and fixed hypertension. Chrysant SG, et al. **Clin Exp Hypertens** 1981;3(6):1109-19

Baroreceptor stimulation and isometric exercise in normotensive and borderline hypertensive subjects. Suarez DH, et al. **Clin Sci** 1982 Mar;62(3):307-9

Intralymphocytic sodium concentration as an index of response to stress and exercise in young subjects with borderline hypertension. Ambrosioni E, et al. **Clin Sci [Suppl]** 1981 Dec; 61(7):25s-27s

Anger, anxiety, guilt and increased basal and stress-induced neurogenic tone: causes or effects in primary hypertension? Sullivan PA, et al. **Clin Sci [Suppl]** 1981 Dec;61(7):389s-392s

The effect of captopril on catecholamines, renin activity, angiotensin II and aldosterone in plasma during physical exercise in hypertensive patients. Manhem P, et al. **Eur J Clin Invest** 1981 Oct;11(5):389-95

Responsiveness of the renin-aldosterone system during exercise in young patients with essential hypertension. Pedersen EB, et al. **Eur J Clin Invest** 1981 Oct;11(5):403-8

Response of blood pressure and plasma norepinephrine to propranolol, metoprolol and clonidine during isometric and dynamic exercise in hypertensive patients. Virtanen K, et al. **Eur J Clin Pharmacol** 1982;21(4):275-9

Contributors to coronary risk: ten years later. Kannel WB, et al. **Heart Lung** 1982 Jan-Feb;11(1):60-4

Electrocardiographic changes after long-term treatment with sotalol in hypertensive patients. Castro M, et al. **Int J Clin Pharmacol Ther Toxicol** 1982 Feb;20(2):88-91

Blood pressure during normal daily activities, sleep, and exercise. Comparison of values in normal and hypertensive subjects. Pickering TG, et al. **JAMA** 1982 Feb 19;247(7):992-6

Massachusetts Department of Public Health. Risk factors and life style: a statewide health-interview survey. Lambert CA, et al. **N Engl J Med** 1982 Apr 29;306(17):1048-51

Non-invasive cardiovascular assessment of indapamide in patients with essential hypertension. Dunn FG, et al. **Postgrad Med J** 1981;57 Suppl 2:19-22

Failure of anti-hypertensive drugs to control blood pressure rise with isometric exercise in hypertension. O'Hare JA, et al. **Postgrad Med J** 1981 Sep;57(671):552-5

[Blood pressure during isometric exercise (author's transl)] Dvořák I, et al. **Cas Lek Cesk** 1981;120(52):1599-1601 (Eng. Abstr.) (Cze)

[Changes in adrenaline and noradrenaline plasma levels in essential hypertension in relation to emotional and physical stress] Přikryl P, et al. **Vnitr Lek** 1982 Jan;28(1):1-9 (Eng. Abstr.) (Cze)

[Acebutolol in the treatment of stress-reactive hypertension. A medium term open study] Bondi S, et al. **Minerva Med** 1982 Jan 14;73(1-2):61-6 (Eng. Abstr.) (Ita)

[Study of the left ventricular function using a polygraphic method in patients with systemic arterial hypertension] Schirripa V, et al. **Minerva Med** 1982 Jan 14;73(1-2):77-80 (Eng. Abstr.) (Ita)

[Hemodynamic responses to supine bicycle exercise in juvenile hypertensive subjects: an echocardiographic assessment (author's transl)] Imataka K, et al. **J Cardiogr** 1981 Jun;11(2):449-56 (Eng. Abstr.) (Jpn)

[The evaluation of relationship between the occupational physical activity and the selected risk factors of coronary disease (author's transl)] Kupść W, et al. **Przegl Lek** 1981;38(11):805-8 (Eng. Abstr.) (Pol)

[Action of verapamil as a hypotensive agent - analysis of the arterial pressure curve in the cycloergometric test] Candau LA, et al. **Arq Bras Cardiol** 1981 Mar;36 Suppl 1:18-23 (Eng. Abstr.) (Por)

[Behavior of the blood pressure curve during the ergometric stress test, in treated and non-treated hypertensive patients] Carrasco RM, et al. **Arq Bras Cardiol** 1981 Mar;36 Suppl 1:24-32 (Eng. Abstr.) (Por)

[Study of circulation in patients with chronic bronchitis by the means of integral rheography] Leonov VO. **Ter Arkh** 1981; 53(12):67-72 (Eng. Abstr.) (Rus)

[Therapeutic physical exercise in the combined treatment of hypertension and alimentary obesity] Luganskil IuN, et al. **Vrach Delo** 1982 Feb;(2):54-7 (Eng. Abstr.) (Rus)

[The exercise test in the evaluation of the hypertension reaction] Topalov V, et al. **Med Pregl** 1981;34(7-8):311-5 (Eng. Abstr.) (Scr)

IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS

Sudden death in young athletes. Tsung SH, et al. **Arch Pathol Lab Med** 1982 Apr;106(4):168-70

IMIPRAMINE

Effects of L-aspartic acid, L-asparagine and/or L-asparaginase on forced swimming-induced immobility, analgesia, and decrease in rectal temperature in rats. Koyuncuoğlu H, et al. **Experientia** 1982 Jan 15;38(1):117-8

INDOMETHACIN

Prolonged benign exertional headache: clinical characteristics and response to indomethacin. Diamond S, et al. **Adv Neurol** 1982; 33:145-9

Prostaglandins in exercise-induced asthma [letter] Souza LM, et al. **Clin Allergy** 1981 Sep;11(5):506-7

Benign exertional headaches. Diamond S. **Postgrad Med** 1982 Mar; 71(3):244-5

INTERCOSTAL MUSCLES

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep; 51(3):557-64

INTERMITTENT CLAUDICATION

Thrombosis of the popliteal artery in a jogger. A case report. Madigan RR, et al. **J Bone Joint Surg [Am]** 1981 Dec; 63-A(9):1490-2

Lactate and pyruvate changes during treadmill exercise in patients with intermittent claudication. Maass U, et al. **Z Kardiol** 1982 Jan;71(1):39-43

ISCHEMIA

Heart contractility at pressure loads induced by ischemia of exercised muscle in humans. Bonde-Petersen F, et al. **J Appl Physiol** 1982 Feb;52(2):340-5

JAW

Interactions between the jaw-opening reflex and mastication. Lund JP, et al. **Can J Physiol Pharmacol** 1981 Jul;59(7):683-90

PHYSICAL FITNESS/SPORTS MEDICINE

JOGGING

Fetal heart rate reactivity before and after maternal jogging during the third trimester. Hauth JC, et al. **Am J Obstet Gynecol** 1982 Mar 1;142(5):545–7

Jogger's blockade [editorial] Breckenridge A. **Br Med J [Clin Res]** 1982 Feb 20;284(6315):532–3

The jogger's aneurysm: unusual presentation of popliteal artery trauma. Lundell C, et al. **Cardiovasc Intervent Radiol** 1981; 4(4):239–41

Carbon monoxide levels in athletes during exercise in an urban environment. Honigman B, et al. **J Air Pollut Control Assoc** 1982 Jan;32(1):77–9

Thrombosis of the popliteal artery in a jogger. A case report. Madigan RR, et al. **J Bone Joint Surg [Am]** 1981 Dec; 63–A(9):1490–2

JOINTS

Afferent and efferent components of joint position sense; interpretation of kinaesthetic illusion. Feldman AG, et al. **Biol Cybern** 1982;42(3):205–14

Relationships of age and sex with range of motion of seventeen joint actions in humans. Bell RD, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):202–6

Physical fitness in the elderly. Tichy MW, et al. **Med Instrum** 1982 Jan–Feb;16(1):20–1

KINESICS

EMG to force processing I: An electrical analogue of the Hill muscle model. Hof AL, et al. **J Biomech** 1981;14(11):747–58

KINETOCARDIOGRAPHY

Chest pain and rate–dependent left bundle branch block in patients with normal coronary arteriograms. Virtanen KS, et al. **Chest** 1982 Mar;81(3):326–31

[Apex cardiography in evaluating the subendocardiac blood flow and coronary reserve in a comparison with coronary radiography and bicycle ergometry data in ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1982 Jan;22(1):57–9 (Eng. Abstr.)**(Rus)**

[Program and results of 10 weeks' physical training of myocardial infarct patients and patients with exertion stenocardia] Liusov VA, et al. **Kardiologiia** 1982 Jan;22(1):49–53 (Eng. Abstr.) **(Rus)**

KNEE

Isokinetic strength, endurance, and fiber type composition in elite American paddlers. Clarkson PM, et al. **Eur J Applied Physiol** 1982;48(1):67–76

Maximum isokinetic ankle plantar and dorsal flexion torques in trained subjects. Fugl–Meyer AR. **Eur J Applied Physiol** 1981; 47(4):393–404

A 10–week exercise program for senior citizens. Bassett C, et al. **Geriatr Nurs (New York)** 1982 Mar–Apr;3(2):103–5

Evaluation of maximal and submaximal static muscle exertions. Kroemer KH, et al. **Hum Factors** 1981 Dec;23(6):643–53

Isokinetic strength training: comparison of daily and three times weekly patterns. Rozier CK, et al. **Int J Rehabil Res** 1981; 4(3):345–51

Muscle fatigue in relation to EMG during repeated and maintained maximal isometric contractions. Oda S, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):175–81

A kinetic analysis of sprinting. Mann RV. **Med Sci Sports Exerc** 1981;13(5):325–8

KNEE INJURIES

Long–term results after early treatment of knee injuries. Lysholm J, et al. **Acta Orthop Scand** 1982 Feb;53(1):109–18

Exertion injuries in female athletes. Orava S, et al. **Br J Sports Med** 1981 Dec;15(4):229–33

Early results of arthroscopic surgery of the knee. Chana GS, et al. **Injury** 1981 Nov;13(3):227–9

The value of arthrography and arthroscopy in association with a sports injuries clinic: a prospective and comparative study of 182 patients. Crabtree SD, et al. **Injury** 1981 Nov;13(3):220–6

Isokinetic thigh muscle strength after ligament reconstruction in the knee joint: results from a 5–10 year follow–up after reconstructions of the anterior cruciate ligament in the knee joint. Arvidsson I, et al. **Int J Sports Med** 1981 Feb;2(1):7–11

Rehabilitation of muscle function after sport injury – major problem in sports medicine. Eriksson E. **Int J Sports Med** 1981 Feb; 2(1):1–6

A statistical study of Knee injuries due to football in high–school athletes. Pritchett JW. **J Bone Joint Surg [Am]** 1982 Feb; 64(2):240–2

Rehabilitation of knee flexor and knee extensor muscle strength in patients with meniscectomies, ligamentous repairs, and chondromalacia. Campbell DE, et al. **Phys Ther** 1982 Jan; 62(1):10–5

[Diagnosis and treatment of the so–called plica syndrome of the knee joint (author's transl)] Dufek P, et al. **Acta Chir Orthop Traumatol Cech** 1981;48(6):517–21 (Eng. Abstr.) **(Cze)**

[Injuries in women's soccer. The ankle joint and the knees are the weak points in the female players] Lewerentz H. **Lakartidningen** 1981 Dec 2;78(49):4448–50 (Eng. Abstr.) **(Swe)**

KNEE JOINT

Long–term results after early treatment of knee injuries. Lysholm J, et al. **Acta Orthop Scand** 1982 Feb;53(1):109–18

Somatosensory unit input to the spinal cord during normal walking. Loeb GE. **Can J Physiol Pharmacol** 1981 Jul;59(7):627–35

Mechanical energy output and joint movements in sprint running. Fukunaga T, et al. **Ergonomics** 1981 Oct;24(10):765–72

Early results of arthroscopic surgery of the knee. Chana GS, et al. **Injury** 1981 Nov;13(3):227–9

The value of arthrography and arthroscopy in association with a sports injuries clinic: a prospective and comparative study of 182 patients. Crabtree SD, et al. **Injury** 1981 Nov;13(3):220–6

Isokinetic thigh muscle strength after ligament reconstruction in the knee joint: results from a 5–10 year follow–up after reconstructions of the anterior cruciate ligament in the knee joint. Arvidsson I, et al. **Int J Sports Med** 1981 Feb;2(1):7–11

Specificity of power improvements through slow and fast isokinetic training. Coyle EF, et al. **J Appl Physiol** 1981 Dec; 51(6):1437–42

The pes anserinus transfer. A long–term follow–up. Chick RP, et al. **J Bone Joint Surg [Am]** 1981 Dec;63–A(9):1449–52

In vivo rotatory knee stability. Ligamentous and muscular contributions. Shoemaker SC, et al. **J Bone Joint Surg [Am]** 1982 Feb;64(2):208–16

Incomplete tears of the anterior cruciate ligament and knee locking. Monaco BR, et al. **JAMA** 1982 Mar 19;247(11):1582–4

Rehabilitation of knee flexor and knee extensor muscle strength in patients with meniscectomies, ligamentous repairs, and chondromalacia. Campbell DE, et al. **Phys Ther** 1982 Jan; 62(1):10–5

The effect of running on the osteoarthritic joint: an experimental matched–pair study with rabbits. Videman T. **Rheumatol Rehabil** 1982 Feb;21(1):1–8

Relationship of isometric knee extension torque and functional variables in osteoarthrosis of the knee. Lankhorst GJ, et al. **Scand J Rehabil Med** 1982;14(1):7–10

[Diagnosis and treatment of the so–called plica syndrome of the knee joint (author's transl)] Dufek P, et al. **Acta Chir Orthop Traumatol Cech** 1981;48(6):517–21 (Eng. Abstr.) **(Cze)**

[Incidence of previous engagement in sports among patients with symptomatic arthrosis. Controlled study] Boyer T, et al. **Rev Rhum Mal Osteoartic** 1981 Dec;48(12):793–7 (Eng. Abstr.) **(Fre)**

LEG INJURIES

Exertion injuries in female athletes. Orava S, et al. **Br J Sports Med** 1981 Dec;15(4):229–33

[Injuries caused by bicycle wheels. Occurrence, etiology, extension of injuries and prevention] Bech B, et al. **Ugeskr Laeger** 1982 Jan 4;144(1):45–8 (Eng. Abstr.) **(Dan)**

[Pattern of alpine ski accidents] Spinas GA, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):109–15 (Eng. Abstr.)**(Ger)**

[An unusual case of post–traumatic degeneration of the anterior tibial muscle] Bardelli M, et al. **Arch Putti Chir Organi Mov** 1980; 30:403–11 (Eng. Abstr.) **(Ita)**

LIFE STYLE

Effectiveness of cardiac rehabilitation. Mayou R. **J Psychosom Res** 1981;25(5):423–7

Massachusetts Department of Public Health. Risk factors and life style: a statewide health–interview survey. Lambert CA, et al. **N Engl J Med** 1982 Apr 29;306(17):1048–51

Cardiac rehabilitation. 2. A programme to improve lifestyle. Herdman A. **Nurs Times** 1982 Feb 3–9;78(5):187–9

Marathon running by New Zealand doctors [letter] Beaglehole R. **NZ Med J** 1982 Jan 27;95(700):58

The high prevalence of impaired glucose tolerance and diabetes mellitus in an isolated Polynesian population, Manihiki, Cook Islands. Weinstein S, et al. **NZ Med J** 1981 Dec 9; 94(697):411–3

LIGAMENTS

Long–term results after early treatment of knee injuries. Lysholm J, et al. **Acta Orthop Scand** 1982 Feb;53(1):109–18

Transient responses and continuous behavior of active smooth muscle during controlled stretches. Meiss RA. **Am J Physiol** 1982 Mar;242(3):C146–58

[Functional value of the pisiform bone in the grasping mechanism] Laude MM. **Bull Acad Natl Med (Paris)** 1981 Apr; 165(4):479–83 (Eng. Abstr.) (Fre)

LIGAMENTS, ARTICULAR

Primary operative treatment of the ruptured lateral ligament of the ankle. Kostiainen S, et al. **Ann Chir Gynaecol** 1981; 70(6):313–5

Isokinetic thigh muscle strength after ligament reconstruction in the knee joint: results from a 5–10 year follow-up after reconstructions of the anterior cruciate ligament in the knee joint. Arvidsson I, et al. **Int J Sports Med** 1981 Feb;2(1):7–11

A statistical study of Knee injuries due to football in high-school athletes. Pritchett JW. **J Bone Joint Surg [Am]** 1982 Feb; 64(2):240–2

In vivo rotatory knee stability. Ligamentous and muscular contributions. Shoemaker SC, et al. **J Bone Joint Surg [Am]** 1982 Feb;64(2):208–16

Incomplete tears of the anterior cruciate ligament and knee locking. Monaco BR, et al. **JAMA** 1982 Mar 19;247(11):1582–4

Rehabilitation of knee flexor and knee extensor muscle strength in patients with meniscectomies, ligamentous repairs, and chondromalacia. Campbell DE, et al. **Phys Ther** 1982 Jan; 62(1):10–5

[Simple plastic surgery of inveterate ligament injuries in the ankle joint] Weber BG. **Lakartidningen** 1981 Aug 19;78(34):2857–61 (Eng. Abstr.) (Swe)

LIPIDS

Physical exercise and carbohydrate and lipid metabolism. Chakroun R, et al. **Acta Cardiol [Suppl] (Brux)** 1981;27:51–68

Treatment of obese schoolchildren with special reference to the mode of therapy, cardiorespiratory performance and the carbohydrate and lipid metabolism. Ylitalo V. **Acta Paediatr Scand [Suppl]** 1981;290:1–108

Pathophysiology of cancer cachexia: current understanding and areas for future research. DeWys WD. **Cancer Res** 1982; 42(2 Suppl):721s–726s

Changes in plasma lipid and lipoprotein levels in men and women after a program of moderate exercise. Brownell KD, et al. **Circulation** 1982 Mar;65(3):477–84

Comparison of blood lipids, lipoproteins, anthropometric measures, and resting and exercise cardiovascular responses in children, 6—7 years old. Gilliam TB, et al. **Prev Med** 1981 Nov; 10(6):754–64

Protection against the cardiotoxic effect of isoproterenol-HCl by dietary polyunsaturated fatty acids and exercise. Crandall DL, et al. **Toxicol Appl Pharmacol** 1982 Jan;62(1):152–7

[Effects of physical activity and mid-alpine climatotherapy on serum lipids on adult diabetics and in obesity] Angelov I, et al. **Vutr Boles** 1981;20(5):93–7 (Eng. Abstr.) (Bul)

[Effect of exercise on serum lipoproteins in 270 healthy men (author's transl)] Ollivier JP, et al. **Diabete Metab** 1981 Sep; 7(3):195–8 (Eng. Abstr.) (Fre)

LIVER GLYCOGEN

Glycogen and nonspecific adaptation to cold. LeBlanc J, et al. **J Appl Physiol** 1981 Dec;51(6):1428–32

Protection against the cardiotoxic effect of isoproterenol-HCl by dietary polyunsaturated fatty acids and exercise. Crandall DL, et al. **Toxicol Appl Pharmacol** 1982 Jan;62(1):152–7

LOCOMOTION

Hydromechanics and biology. Nachtigall W. **Biophys Struct Mech** 1981;8(1–2):1–22

Methodology devised for a program to improve efficiency and reduce risks for wheelchair locomotion. Glaser RM, et al. **Bull Prosthet Res** 1981 Spring;18(1):63–8

Walking out of doors: the plight of the elderly. Wilson JW. **Can J Appl Sport Sci** 1981 Dec;6(4):179–81

Somatosensory unit input to the spinal cord during normal walking. Loeb GE. **Can J Physiol Pharmacol** 1981 Jul;59(7):627–35

Factors affecting the heart rate during self-paced walking. Bassey EJ, et al. **Eur J Applied Physiol** 1982;48(1):105–15

A field-portable racetrack and timer for measuring acceleration and speed of small cursorial animals. Huey RB, et al. **Experientia** 1981 Dec 15;37(12):1356–7

A physiologically based criterion of muscle force prediction in locomotion. Crowninshield RD, et al. **J Biomech** 1981; 14(11):793–801

EMG to force processing IV: Eccentric-concentric contractions on a spring-flywheel set up. Hof AL, et al. **J Biomech** 1981; 14(11):787–92

Functional differentiation within the tensor fasciae latae. A telemetered electromyographic analysis of its locomotor roles. Paré EB, et al. **J Bone Joint Surg [Am]** 1981 Dec; 63–A(9):1457–71

Antiparetic and antispastic effects induced by tizanidine in patients with spastic paresis. Knutsson E, et al. **J Neurol Sci** 1982 Feb; 53(2):187–204

Relationship of isometric knee extension torque and functional variables in osteoarthrosis of the knee. Lankhorst GJ, et al. **Scand J Rehabil Med** 1982;14(1):7–10

LUNG VOLUME MEASUREMENTS

Pathogenesis of respiratory insufficiency in myotonic dystrophy: the mechanical factors. Bégin R, et al. **Am Rev Respir Dis** 1982 Mar;125(3):312–8

Plethysmography study and pulmonary function in well-trained adolescents. de Swiniarski R, et al. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):39–49

Changes in functional residual capacity during exercise in patients with exercise-induced asthma. Kiers A, et al. **Bull Eur Physiopathol Respir** 1981 Nov–Dec;17(6):869–78

A digital integrator for The Wingate Test of Anaerobic Capacity. Bell D, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):218

Cardio-respiratory fitness and muscular strength in the lower-limb disabled. Davis GM, et al. **Can J Appl Sport Sci** 1981 Dec, 6(4):159–65

A field test for the prediction of aerobic capacity in male paraplegics and quadraplegics. Rhodes EC, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):182–6

Alteration in the lactate threshold with changes in substrate availability. Ivy JL, et al. **Int J Sports Med** 1981 Aug; 2(3):139–42

The effects of two breathing patterns on selected physiological parameters during a 200-yard simulated freestyle swim in male swimmers. Bell GH. **J Sports Med Phys Fitness** 1981 Sep; 21(3):271–8

The effect of an acute bout of exercise on selected pulmonary function measurements. Buono MJ, et al. **Med Sci Sports Exerc** 1981;13(5):290–3

Effects of ozone exposure on lung function in man: a review. Folinsbee LJ. **Rev Environ Health** 1981;3(3):211–40

[Bicycle ergometric examinations and pulmonary function analyses after patch aortoplasty of coarctation of the aorta in children (author's transl)] Madu B, et al. **Z Kardiol** 1982 Jan; 71(1):44–9 (Eng. Abstr.) (Ger)

MANDIBLE

Stress distribution under high-pull extraoral chin cup traction. A photoelastic study. Alfredo de Alba J, et al. **Angle Orthod** 1982 Jan;52(1):69–78

Dentistry and upper body strength [letter] **J Am Dent Assoc** 1982 Jan;104(1):10, 12–3

Upper body strength and dentistry [letter] Smith SD. **J Am Dent Assoc** 1982 Feb;104(2):140, 142

Deglutition. Miller AJ. **Physiol Rev** 1982 Jan;62(1):129–84 (401 ref.)

MAXIMAL EXPIRATORY FLOW RATE

Respiratory mechanics in supine subjects during progressive partial curarization. Gal TJ, et al. **J Appl Physiol** 1982 Jan; 52(1):57–63

Reproducibility of flow rates measured with low density gas mixtures in exercise-induced bronchospasm. Spiro SG, et al. **Thorax** 1981 Nov;36(11):852–7

MAXIMAL EXPIRATORY FLOW-VOLUME CURVES

Pulmonary dysfunction in ultramarathon runners. Mahler DA, et al. **Yale J Biol Med** 1981 Jul–Aug;54(4):243–8

MAXIMAL MIDEXPIRATORY FLOW RATE

Effect of oral terbutaline on exercise-induced asthma. Sly RM, et al. **Ann Allergy** 1982 Mar;48(3):151–5

MAXIMAL VOLUNTARY VENTILATION

Pathogenesis of respiratory insufficiency in myotonic dystrophy: the mechanical factors. Bégin R, et al. **Am Rev Respir Dis** 1982 Mar;125(3):312–8

The effects of circuit weight training on VO2max and body composition of trained and untrained college men. Kimura Y, et al. **Nippon Seirigaku Zasshi** 1981;43(12):593–6

PHYSICAL FITNESS/SPORTS MEDICINE

MEDIAN NERVE

[A Lance-Adams syndrome of a diver (author's transl)] Yoshida Y, et al. **No To Shinkei** 1981 Oct;33(10):1051-6 (Eng. Abstr.) **(Jpn)**

METACARPUS

Cortical bone, body size, and skeletal maturity in ice hockey players 10 to 12 years of age. Meleski BW, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):212-7

METHANDROSTENOLONE

Structural alterations of liver parenchyma induced by anabolic steroids. Stang-Voss C, et al. **Int J Sports Med** 1981 May; 2(2):101-5

A comparison of the effects of Dianabol and methyltestosterone on muscle contraction and fatigue. Richardson JH, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):279-81

MITRAL VALVE STENOSIS

[Significance of the pulmonary gas exchange reaction to physical loading in evaluating the effectiveness of mitral commissurotomy] Sherdukalova LF, et al. **Sov Med** 1982;(1):15-9 (Eng. Abstr.) **(Rus)**

MOTOR ACTIVITY

Behavioral effects of early deprivation of nerve growth factor: some similarities with familial dysautonomia. Bell J, et al. **Brain Res** 1982 Feb 25;234(2):409-21

The control of rapid limb movement in the cat. III. Agonist - antagonist coupling. Ghez C, et al. **Exp Brain Res** 1982; 45(1-2):115-25

Neonatal Frontal Lesions in the rat: sparing of learned but not species-typical behavior in the presence of reduced brain weight and cortical thickness. Kolb B, et al. **J Comp Physiol Psychol** 1981 Dec;95(6):863-79

Motor organization of Tritonia swimming. I. Quantitative analysis of swim behavior and flexion neuron firing patterns. Hume RI, et al. **J Neurophysiol** 1982 Jan;47(1):60-74

Motor organization of Tritonia swimming. III. Contribution of intrinsic membrane properties to flexion neuron burst formation. Hume RI, et al. **J Neurophysiol** 1982 Jan;47(1):91-102

Motor organization of Tritonia swimming. II. Synaptic drive to flexion neurons from premotor interneurons. Hume RI, et al. **J Neurophysiol** 1982 Jan;47(1):75-90

The interaction of endurance running and ethanol on skeletal muscle mitochondria. Farrar RP, et al. **Life Sci** 1982 Jan 4; 30(1):67-75

Impairment of motor recovery after late nerve suture: experimental study in the rabbit. Part I: functional and electromyographic findings. Richter HP. **Neurosurgery** 1982 Jan;10(1):70-4

Effects of cholinomimetics, cholinolytics and atypical antidepressants in the behavioral despair test in the rat. Herman ZS, et al. **Pol J Pharmacol Pharm** 1981;33(5):485-9

Effects of method of subject selection (volunteer vs random) and treatment variable on motor performance. Arnett B, et al. **Res Q Exerc Sport** 1981 Dec;52(4):433-40

Observer perceptions of movement confidence. Keogh JF, et al. **Res Q Exerc Sport** 1981 Dec;52(4):465-73

Standards in behavioral teratology testing: test variability and sensitivity. Butcher RE, et al. **Teratogenesis Carcinog Mutagen** 1980;1(1):49-61

[Swimming behavior in the rat as a model for the evaluation of brain development] Salas M, et al. **Bol Estud Med Biol** 1980 Jul-Oct;31(3-4):161-8 (40 ref.) (Eng. Abstr.) **(Spa)**

MOTOR SKILLS

Resetting of tremor by mechanical perturbations: a comparison of essential tremor and parkinsonian tremor. Lee RG, et al. **Ann Neurol** 1981 Dec;10(6):523-31

Behavioral effects of early deprivation of nerve growth factor: some similarities with familial dysautonomia. Bell J, et al. **Brain Res** 1982 Feb 25;234(2):409-21

Neonatal Frontal Lesions in the rat: sparing of learned but not species-typical behavior in the presence of reduced brain weight and cortical thickness. Kolb B, et al. **J Comp Physiol Psychol** 1981 Dec;95(6):863-79

The effects of physical or perceptual work loads on a coincidence/anticipation task. Fleury M, et al. **Percept Mot Skills** 1981 Dec;53(3):843-50

Contextual factors and age group differences in coincidence-anticipation performance. Haywood KM, et al. **Res Q Exerc Sport** 1981 Dec;52(4):458-64

A test of Schmidt's schema theory of discrete motor skill learning. Margolis JF, et al. **Res Q Exerc Sport** 1981 Dec;52(4):474-83

MOUNTAINEERING

The effect of acetazolamide on the proteinuria of altitude. Bradwell AR, et al. **Aviat Space Environ Med** 1982 Jan;53(1):40-3

Psychological testing at high altitudes. Nelson M. **Aviat Space Environ Med** 1982 Feb;53(2):122-6

Thyroid function and physical activity. A preliminary communication. Adler J, et al. **Br J Sports Med** 1981 Dec; 15(4):261-4

Heat exhaustion during a mountain climb [letter] Bloch C. **S Afr Med J** 1982 Mar 6;61(10):342

[Some effects of high altitude exposure on man (author's transl)] Oelz O. **Praxis** 1982 Jan 12;71(2):70-7 (Eng. Abstr.) **(Ger)**

[A case of acute exertional rhabdomyolysis associated with acute renal failure (author's transl)] Kitoh C, et al. **Nippon Jinzo Gakkai Shi** 1981 Sep;23(9):1217-23 (Eng. Abstr.) **(Jpn)**

MOUTH PROTECTORS

Operation mouthguard: a model program designed to prevent dental trauma. Blum J, et al. **ASDC J Dent Child** 1982 Jan-Feb; 49(1):22-4

Appliances and upper body strength [letter] **J Am Dent Assoc** 1982 Mar;104(3):286, 288

Divergent views: can dental therapy enhance athletic performance? Jakush J. **J Am Dent Assoc** 1982 Mar;104(3):292-8

Effect of a mouth appliance on athletic performance. Scimone FS. **J Mass Dent Soc** 1981;30(3):156-8

MUSCLE CONTRACTION

Experimental investigations on the hypokinesis of skeletal muscles with different functions, VIII. Effect of plaster-cast immobilization on the contractile properties of rat skeletal muscles with different functions. Szöör A, et al. **Acta Biol Acad Sci Hung** 1981;32(2):129-35

Role of Ca2+ and myosin light chain phosphorylation in regulation of smooth muscle. Aksoy MO, et al. **Am J Physiol** 1982 Jan; 242(1):C109-16

Energy utilization by Limulus telson muscle at different sarcomere and A-band lengths. Davidheiser S, et al. **Am J Physiol** 1982 Mar;242(3):R394-400

Tonic force maintenance with reduced shortening velocity in arterial smooth muscle. Dillon PF, et al. **Am J Physiol** 1982 Jan; 242(1):C102-8

Muscle fatigue with prolonged exercise: contractile and biochemical alterations. Fitts RH, et al. **Am J Physiol** 1982 Jan; 242(1):C65-73

Transient responses and continuous behavior of active smooth muscle during controlled stretches. Meiss RA. **Am J Physiol** 1982 Mar;242(3):C146-58

Adenosine and free-flow functional hyperemia in striated muscle. Proctor KG, et al. **Am J Physiol** 1982 Apr;242(4):H688-97

Sense and nonsense about the Fenn effect. Rall JA. **Am J Physiol** 1982 Jan;242(1):H1-6

Effect of hypocalcemia on motility of the ruminant stomach. Huber TL, et al. **Am J Vet Res** 1981 Sep;42(9):1488-90

Resetting of tremor by mechanical perturbations: a comparison of essential tremor and parkinsonian tremor. Lee RG, et al. **Ann Neurol** 1981 Dec;10(6):523-31

Cocaine and contractile responses of vascular smooth muscle from spontaneously hypertensive rats. Webb RC, et al. **Arch Int Pharmacodyn Ther** 1981 Oct;253(2):241-56

Integrated electromyographic activity and biting force during rapid isometric contraction of fatigued masseter muscle in man. Kawazoe Y, et al. **Arch Oral Biol** 1981;26(10):795-801

The effect of two years' training on aerobic power and muscle strength in male and female cadets. Daniels WL, et al. **Aviat Space Environ Med** 1982 Feb;53(2):117-21

Effect of ATP concentration and pH on rigor tension development and dissociation of rigor complex in glycerinated rabbit psoas muscle fiber. Izumi K, et al. **Biochim Biophys Acta** 1981 Dec 18;678(3):364-72

The relationship between muscle discrimination ability and response to relaxation training in three kinds of headaches. Blanchard EB, et al. **Biofeedback Self Regul** 1981 Dec; 6(4):537-45

Simple model of smooth muscle myosin phosphorylation and dephosphorylation as rate-limiting mechanism. Peterson JW 3d. **Biophys J** 1982 Feb;37(2):453-9

Relaxation of isolated middle cerebral artery induced by diazoxide. Estrada C, et al. **Blood Vessels** 1981;18(6):303-10

Effect of moderate cooling on adrenergic neuroeffector interaction in canine cutaneous veins. Janssens WJ, et al. **Blood Vessels** 1981; 18(6):281-95

Post-competition blood lactate concentrations in competitive track cyclists. Burke ER, et al. **Br J Sports Med** 1981 Dec; 15(4):242-5

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLE CONTRACTION

Facilitation of monosynaptic reflexes by voluntary contraction of muscle in remote parts of the body. Mechanisms involved in the Jendrassik Manoeuvre. Delwaide PJ, et al. **Brain** 1981 Dec;104(Pt 4):701–9

Cardio–respiratory fitness and muscular strength in the lower–limb disabled. Davis GM, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):159–65

Cyclic variations in perceived exertion and physical work capacity in females. Higgs SL, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):191–6

The coactivation of antagonist muscles. Smith AM. **Can J Physiol Pharmacol** 1981 Jul;59(7):733–47 (82 ref.)

Cardiorespiratory fitness and muscular strength of wheelchair users. Davis GM, et al. **Can Med Assoc J** 1981 Dec 15;125(12):1317–23 (67 ref.)

Relaxation of tetanised smooth muscle of canine saphenous vein. Stephens NL, et al. **Cardiovasc Res** 1981 Nov;15(11):632–6

Vascular smooth muscle. Calmodulin and cyclic AMP–dependent protein kinase after calcium sensitivity in porcine carotid skinned fibers. Rüegg JC, et al. **Circ Res** 1982 Mar;50(3):394–9

Dynamic strength test as a predictor for maximal and acceptable lifting. Pytel JL, et al. **Ergonomics** 1981 Sep;24(9):663–72

Isokinetic strength, endurance, and fiber type composition in elite American paddlers. Clarkson PM, et al. **Eur J Applied Physiol** 1982;48(1):67–76

Effect of antagonistic contractions on the reflex response of a bifunctional muscle. Pérot C, et al. **Eur J Applied Physiol** 1982;48(1):51–8

Synergy between bifunctional muscles at the ankle joint. Pérot C, et al. **Eur J Applied Physiol** 1982;48(1):59–65

Compared effects of indapamide, hydrochlorothiazide and chlorthalidone on electrical and mechanical activities in vascular smooth muscle. Mironneau J, et al. **Eur J Pharmacol** 1981 Oct 22;75(2–3):109–13

Interaction between 5–hydroxytryptamine and other vasoconstrictor substances in the isolated femoral artery of the rabbit; effect of ketanserin (R 41 468). Van Nueten JM, et al. **Eur J Pharmacol** 1982 Feb 5;77(4):281–7

Comparative actions of substances affecting cyclic AMP metabolism on the isometric contractions of fast and slow skeletal muscle during single–pulse and subtetanic stimulation. Varagić VM, et al. **Eur J Pharmacol** 1981 Jul 17;73(1):51–60

Energetics of mammalian fast and slow twitch muscles. Barclay JK. **Fed Proc** 1982 Feb;41(2):189–91

Chemical Energetics of contraction in mammalian smooth muscle. Butler TM, et al. **Fed Proc** 1982 Feb;41(2):204–8

Chemical energy balance in amphibian and mammalian muscles. Kushmerick MJ, et al. **Fed Proc** 1982 Feb;41(2):163–8

Chemical energy balance in amphibian and mammalian skeletal muscles: introduction. Kushmerick MJ. **Fed Proc** 1982 Feb;41(2):147–8

Energetic patterns of normally circulated mammalian muscle in situ. Stainsby WN. **Fed Proc** 1982 Feb;41(2):185–8

Isokinetic strength training: comparison of daily and three times weekly patterns. Rozier CK, et al. **Int J Rehabil Res** 1981;4(3):345–51

Isokinetic thigh muscle strength after ligament reconstruction in the knee joint: results from a 5–10 year follow–up after reconstructions of the anterior cruciate ligament in the knee joint. Arvidsson I, et al. **Int J Sports Med** 1981 Feb;2(1):7–11

Rehabilitation of muscle function after sport injury – major problem in sports medicine. Eriksson E. **Int J Sports Med** 1981 Feb;2(1):1–6

Effect of electrical stimulation on human skeletal muscle. Eriksson E, et al. **Int J Sports Med** 1981 Feb;2(1):18–22

Assessment of different forms of physical activity with respect to preventive and rehabilitative cardiology. Hollmann W, et al. **Int J Sports Med** 1981 May;2(2):67–80

Effects of beta–adrenergic blockade on endurance and short–time performance in respect to individual muscle fiber composition. Kaiser P, et al. **Int J Sports Med** 1981 Feb;2(1):37–42

Performance and muscle metabolite changes in exercise with repeated maximal dynamic contractions. Karlsson J, et al. **Int J Sports Med** 1981 May;2(2):110–3

Dentistry and upper body strength [letter] **J Am Dent Assoc** 1982 Jan;104(1):10, 12–3

Appliances and upper body strength [letter] **J Am Dent Assoc** 1982 Mar;104(3):286, 288

Divergent views: can dental therapy enhance athletic performance? Jakush J. **J Am Dent Assoc** 1982 Mar;104(3):292–8

Upper body strength and dentistry [letter] Smith SD. **J Am Dent Assoc** 1982 Feb;104(2):140, 142

Patterns of glycogen loss in muscle fibers: response to arterial occlusion during exercise. Armstrong RB, et al. **J Appl Physiol** 1981 Sep;51(3):552–6

Effects of 5–hydroxytryptamine on neuroeffector junction in human pulmonary artery. Freeman WK, et al. **J Appl Physiol** 1981 Sep;51(3):693–8

Functional significance of compensatory overloaded rat fast muscle. Roy RR, et al. **J Appl Physiol** 1982 Feb;52(2):473–8

Substrate–concentration of dependences of tension, shortening velocity and ATPase activity of glycerinated single muscle fibers. Chaen S, et al. **J Biochem (Tokyo)** 1981 Dec;90(6):1611–21

Myosin light chain phosphorylation is associated with a decrease in the energy cost for contraction in fast twitch mouse muscle. Crow MT, et al. **J Biol Chem** 1982 Mar 10;257(5):2121–4

Muscles across the elbow joint: a biomechanical analysis. An KN, et al. **J Biomech** 1981;14(10):659–69

A physiologically based criterion of muscle force prediction in locomotion. Crowninshield RD, et al. **J Biomech** 1981;14(11):793–801

EMG to force processing I: An electrical analogue of the Hill muscle model. Hof AL, et al. **J Biomech** 1981;14(11):747–58

EMG to force processing IV: Eccentric–concentric contractions on a spring–flywheel set up. Hof AL, et al. **J Biomech** 1981;14(11):787–92

EMG to force processing II: Estimation of parameters of the Hill muscle model for the human triceps surae by means of a calfergometer. Hof AL, et al. **J Biomech** 1981;14(11):759–70

EMG to force processing III: Estimation of model parameters for the human triceps surae muscle and assessment of the accuracy by means of a torque plate. Hof AL, et al. **J Biomech** 1981;14(11):771–85

In vivo rotatory knee stability. Ligamentous and muscular contributions. Shoemaker SC, et al. **J Bone Joint Surg [Am]** 1982 Feb;64(2):208–16

Chemical energetics of slow– and fast–twitch muscles of the mouse. Crow MT, et al. **J Gen Physiol** 1982 Jan;79(1):147–66

Effects of membrane potential on mechanical activation in skeletal muscle. Dulhunty AF. **J Gen Physiol** 1982 Feb;79(2):233–51

Nonlinear summation of contractions in cat muscles. I. Early depression. Stein RB, et al. **J Gen Physiol** 1981 Sep;78(3):277–93

Muscle fatigue in relation to EMG during repeated and maintained maximal isometric contractions. Oda S, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):175–81

Effect of a mouth appliance on athletic performance. Scimone FS. **J Mass Dent Soc** 1981;30(3):156–8

Antiparetic and antispastic effects induced by tizanidine in patients with spastic paresis. Knutsson E, et al. **J Neurol Sci** 1982 Feb;53(2):187–204

The nature of afferents from the large dorsal neck muscles that project to the superior colliculus in the cat. Abrahams VC, et al. **J Physiol (Lond)** 1981;319:393–401

The effects of digital nerve stimulation on the firing of motor units in human first dorsal interosseous muscle. Datta AK, et al. **J Physiol (Lond)** 1981 Sep;318:501–10

Role of the intima in cholinergic and purinergic relaxation of isolated canine femoral arteries. De Mey JG, et al. **J Physiol (Lond)** 1981 Jul;316:347–55

The effects of denervation on contractile properties or rat skeletal muscle. Finol HJ, et al. **J Physiol (Lond)** 1981;319:81–92

EMG related to anaerobic threshold. Miyashita M, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):209–17

A comparison of the effects of Dianabol and methyltestosterone on muscle contraction and fatigue. Richardson JH, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):279–81

An in–vivo method of measuring strength and fatigue in small mammals. Richardson JH, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):231–2

The stop–flow technique: a way to measure detrusor strength. Susset JG, et al. **J Urol** 1982 Mar;127(3):489–94

Muscle energy technique: definition, explanation, methods of procedure. Goodridge JP. **JAOA** 1981 Dec;81(4):249–54

Anaerobic threshold determination by blood lactate and myoelectric signals. Nagata A, et al. **Jpn J Physiol** 1981;31(4):585–97

Muscle strength and pre–osteomalacia in vegetarian Asian women [letter] Isenberg DA, et al. **Lancet** 1982 Jan 2;1(8262):55

Simple digital instrument for time measurement in muscle mechanics. Burke DJ, et al. **Med Biol Eng Comput** 1981 Nov;19(6):786–8

Effect of fatigue level on rate of force development by the grip–flexor muscles. Kearney JT, et al. **Med Sci Sports Exerc** 1981;13(5):339–42

A kinetic analysis of sprinting. Mann RV. **Med Sci Sports Exerc** 1981;13(5):325–8

Energetics of isometric contraction in dystrophic fast and slow muscles. Nwoye LO, et al. **Muscle Nerve** 1982 Jan;5(1):69–72

Mechanical properties of the isolated inferior oblique muscle of the rabbit. Asmussen G, et al. **Pflugers Arch** 1981 Dec;392(2):183–90

Contractures in normal and denervated inferior oblique muscle of the rabbit. Asmussen G, et al. **Pflugers Arch** 1981 Dec;392(2):191–7

Changes in mechanical properties of the inferior oblique muscle of the rabbit after denervation. Asmussen G, et al. **Pflugers Arch** 1981 Dec;392(2):198–205

Exogenous calmodulin increases Ca2+ sensitivity of isometric tension activation and myosin phosphorylation in skinned smooth

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLE CONTRACTION

muscle. Cassidy PS, et al. **Pflugers Arch** 1981 Dec; 392(2):115–20

Muscle weakness following eccentric work in man. Davies CT, et al. **Pflugers Arch** 1981 Dec;392(2):168–71

Rehabilitation of knee flexor and knee extensor muscle strength in patients with meniscectomies, ligamentous repairs, and chondromalacia. Campbell DE, et al. **Phys Ther** 1982 Jan; 62(1):10–5

The on-line determination of the maximal contraction velocity of the urinary bladder from an isometric contraction. van Mastrigt R. **Prog Clin Biol Res** 1981;78:307–10

The 1981 C. H. McCloy Research Lecture. Analysis of local muscular fatigue patterns. Krell W. **Res Q Exerc Sport** 1981 Dec; 52(4):523–39

Reassessment of electrophysiological and contractile characteristics of sensitized airway smooth muscle. Souhrada M, et al. **Respir Physiol** 1981 Oct;46(1):17–27

[Strength of the abductor and adductor muscles of the thigh after surgical treatment of congenital hip dislocation] Labaziewicz L. **Chir Narzadow Ruchu Ortop Pol** 1981;46(4):371–4 (Eng. Abstr.) (Pol)

MUSCLE CRAMP

Trapshooter's cramp [letter] Ajax ET. **Arch Neurol** 1982 Feb; 39(2):131–2

MUSCLE RIGIDITY

Effect of ATP concentration and pH on rigor tension development and dissociation of rigor complex in glycerinated rabbit psoas muscle fiber. Izumi K, et al. **Biochim Biophys Acta** 1981 Dec 18;678(3):364–72

MUSCLE TONUS

Alterations in mechanical properties of rat papillary muscle during maturation. Capasso JM, et al. **Am J Physiol** 1982 Mar; 242(3):H359–64

Loading determinants of relaxation in cat papillary muscle. Goethals MA, et al. **Am J Physiol** 1982 Mar;242(3):H303–9

Functional evaluation of Rolfing in cerebral palsy. Perry J, et al. **Dev Med Child Neurol** 1981 Dec;23(6):717–29

Training-induced alterations of the in vivo force-velocity relationship of human muscle. Caiozzo VJ, et al. **J Appl Physiol** 1981 Sep;51(3):750–4

Effect of a mouth appliance on athletic performance. Scimone FS. **J Mass Dent Soc** 1981;30(3):156–8

MUSCLES

Experimental investigations on the hypokinesis of skeletal muscles with different functions, VIII. Effect of plaster-cast immobilization on the contractile properties of rat skeletal muscles with different functions. Szöör A, et al. **Acta Biol Acad Sci Hung** 1981;32(2):129–35

Skeletal muscle adaptation to aging and to respiratory and liver failure. Möller P. **Acta Med Scand [Suppl]** 1982;654:1–40

Dependence of the potentials obtained by averaging of the summated EMG from different factors. Gydikov A. **Acta Physiol Pharmacol Bulg** 1980;6(4):3–12

Effect of tenotomy and denervation on the early post-exercise glycogen recovery in skeletal muscles of the rat. Stankiewicz-Niczyporowicz J, et al. **Acta Physiol Pol** 1981; 32(4):449–54

Lactate, muscle glycogen and exercise performance in man. Jacobs I. **Acta Physiol Scand [Suppl]** 1981;495:1–35

Hyperpolarization of mammalian skeletal muscle fibers in K-free media. Akaike N. **Am J Physiol** 1982 Jan;242(1):C12–8

Energy utilization by Limulus telson muscle at different sarcomere and A-band lengths. Davidheiser S, et al. **Am J Physiol** 1982 Mar;242(3):R394–400

Muscle fatigue with prolonged exercise: contractile and biochemical alterations. Fitts RH, et al. **Am J Physiol** 1982 Jan; 242(1):C65–73

Adenosine and free-flow functional hyperemia in striated muscle. Proctor KG, et al. **Am J Physiol** 1982 Apr;242(4):H688–97

Sense and nonsense about the Fenn effect. Rall JA. **Am J Physiol** 1982 Jan;242(1):H1–6

Biomechanical analysis of forces acting about the canine hip. Arnoczky SP, et al. **Am J Vet Res** 1981 Sep;42(9):1581–5

Potential blood supply to muscles in horses and dogs and its relation to athletic ability. Gunn HM. **Am J Vet Res** 1981 Apr; 42(4):679–84

Resetting of tremor by mechanical perturbations: a comparison of essential tremor and parkinsonian tremor. Lee RG, et al. **Ann Neurol** 1981 Dec;10(6):523–31

Physical activity and inactivity influences on 14C-leucine incorporation in reinnervated rat gastrocnemius. Jaweed MM, et al. **Arch Phys Med Rehabil** 1982 Jan;63(1):28–31

Exercises for your neck. Murtagh JE. **Aust Fam Physician** 1981 Dec;10(12):947

Effect of ATP concentration and pH on rigor tension development and dissociation of rigor complex in glycerinated rabbit psoas muscle fiber. Izumi K, et al. **Biochim Biophys Acta** 1981 Dec 18;678(3):364–72

The aggregation characteristics of column-purified rabbit skeletal myosin in the presence and absence of C-protein at pH 7.0. Koretz JF, et al. **Biophys J** 1982 Feb;37(2):433–40

Quantitative studies on the numerical frequency of myonuclei in the muscles of exercised rats: evidence against the occurrence of fibre-splitting. James NT, et al. **Br J Exp Pathol** 1981 Dec; 62(6):600–5

Enzyme activities in skeletal muscle of 13–15 years old adolescents. Karalambie G. **Bull Eur Physiopathol Respir** 1982 Jan–Feb; 18(1):65–74

Methodology devised for a program to improve efficiency and reduce risks for wheelchair locomotion. Glaser RM, et al. **Bull Prosthet Res** 1981 Spring;18(1):63–8

The coactivation of antagonist muscles. Smith AM. **Can J Physiol Pharmacol** 1981 Jul;59(7):733–47 (82 ref.)

Central and peripheral adaptations of the gas transport system to one-leg training. Thomas SG, et al. **Can J Physiol Pharmacol** 1981 Nov;59(11):1146–54

Cardiorespiratory fitness and muscular strength of wheelchair users. Davis GM, et al. **Can Med Assoc J** 1981 Dec 15; 125(12):1317–23 (67 ref.)

Pathophysiology of cancer cachexia: current understanding and areas for future research. DeWys WD. **Cancer Res** 1982; 42(2 Suppl):721s–726s

Assessment of cadmium telluride detector system for measurement of muscle blood flow during dynamic exercise in man. Smith RS, et al. **Cardiovasc Res** 1981 Dec;15(12):731–4

Skeletal muscle fibre types and sizes in anorexia nervosa patients. Essén B, et al. **Clin Physiol** 1981 Aug;1(4):395–403

A comparative study on the effects of ageing and training on the levels of lipofuscin in various tissues of the rat. Basson AB, et al. **Comp Biochem Physiol [A]** 1982;71(3):369–74

Changes of dipeptidyl aminopeptidase activities in mouse skeletal muscle following prolonged running. Salminen A, et al. **Comp Biochem Physiol [B]** 1982;71B(1):23–7

Nutrition and the respiratory system. Askanazi J, et al. **Crit Care Med** 1982 Mar;10(3):163–72 (124 ref.)

Work load and fatigue in repetitive arm elevations. Hagberg M. **Ergonomics** 1981 Jul;24(7):543–55

Measurement of localized muscle fatigue in building work. Malmqvist R, et al. **Ergonomics** 1981 Sep;24(9):695–709

Isokinetic strength, endurance, and fiber type composition in elite American paddlers. Clarkson PM, et al. **Eur J Applied Physiol** 1982;48(1):67–76

Maximum isokinetic ankle plantar and dorsal flexion torques in trained subjects. Fugl-Meyer AR. **Eur J Applied Physiol** 1981; 47(4):393–404

Skeletal muscle properties and performance in elite female track athletes. Gregor RJ, et al. **Eur J Applied Physiol** 1981; 47(4):355–64

Muscle ultrastructural characteristics of elite powerlifters and bodybuilders. MacDougall JD, et al. **Eur J Applied Physiol** 1982; 48(1):117–26

Synergy between bifunctional muscles at the ankle joint. Pérot C, et al. **Eur J Applied Physiol** 1982;48(1):59–65

Effect of antagonistic contractions on the reflex response of a bifunctional muscle. Pérot C, et al. **Eur J Applied Physiol** 1982; 48(1):51–8

'Artificial' myosin isozymes: preparation and characteristics. Cardinaud R. **Eur J Biochem** 1982 Mar 1;122(3):527–33

The control of rapid limb movement in the cat. III. Agonist - antagonist coupling. Ghez C, et al. **Exp Brain Res** 1982; 45(1–2):115–25

Supraspinal facilitation of cutaneous polysynaptic EPSPs in cat medical gastrocnemius motoneurons. Pinter MJ, et al. **Exp Brain Res** 1982;45(1–2):133–43

Muscle hexose monophosphate shunt activity following exercise. Tullson P, et al. **Experientia** 1981 Dec 15;37(12):1311–2

Energetics of mammalian fast and slow twitch muscles. Barclay JK. **Fed Proc** 1982 Feb;41(2):189–91

Chemical Energetics of contraction in mammalian smooth muscle. Butler TM, et al. **Fed Proc** 1982 Feb;41(2):204–8

Chemical energy balance in amphibian and mammalian skeletal muscles: introduction. Kushmerick MJ. **Fed Proc** 1982 Feb; 41(2):147–8

Chemical energy balance in amphibian and mammalian muscles. Kushmerick MJ, et al. **Fed Proc** 1982 Feb;41(2):163–8

Energetic patterns of normally circulated mammalian muscle in situ. Stainsby WN. **Fed Proc** 1982 Feb;41(2):185–8

A new type of dynamograph for measuring muscular strain. Mitrev N, et al. **Folia Med (Plovdiv)** 1981;23(1):54–8

Evaluation of maximal and submaximal static muscle exertions. Kroemer KH, et al. **Hum Factors** 1981 Dec;23(6):643–53

International conference on sports medicine 1981. 'Muscle in sports medicine.' Utrecht, The Netherlands, March 23–26, 1981. Abstracts. **Int J Sports Med** 1981 Aug;2(3):182–99

The effects of exercise on plasma insulin. Björntorp P. **Int J Sports Med** 1981 Aug;2(3):125–9

Muscle water and electrolyte distribution during prolonged exercise. Costill DL, et al. **Int J Sports Med** 1981 Aug; 2(3):130–4

Effect of electrical stimulation on human skeletal muscle. Eriksson E, et al. **Int J Sports Med** 1981 Feb;2(1):18–22

Rehabilitation of muscle function after sport injury – major problem in sports medicine. Eriksson E. **Int J Sports Med** 1981 Feb; 2(1):1–6

Skeletal muscle and physiologic characteristics of a world champion masters distance runner: a case study. Houston ME, et al. **Int J Sports Med** 1981 Feb;2(1):47–9

Relationships between leg muscle fiber type distribution and leg exercise performance. Inbar O, et al. **Int J Sports Med** 1981 Aug; 2(3):154–9

Alteration in the lactate threshold with changes in substrate availability. Ivy JL, et al. **Int J Sports Med** 1981 Aug; 2(3):139–42

Effects of beta-adrenergic blockade on endurance and short-time performance in respect to individual muscle fiber composition. Kaiser P, et al. **Int J Sports Med** 1981 Feb;2(1):37–42

Performance and muscle metabolite changes in exercise with repeated maximal dynamic contractions. Karlsson J, et al. **Int J Sports Med** 1981 May;2(2):110–3

Muscle metabolism, lactate breaking point, and biomechanical features of endurance running. Komi PV, et al. **Int J Sports Med** 1981 Aug;2(3):148–53

Effect of exercise–diet manipulation on muscle glycogen and its subsequent utilization during performance. Sherman WM, et al. **Int J Sports Med** 1981 May;2(2):114–8

Onset of blood lactate accumulation and enzyme activities in m. vastus lateralis in man. Sjödin B, et al. **Int J Sports Med** 1981 Aug;2(3):166–70

Onset of blood lactate accumulation and marathon running performance. Sjödin B, et al. **Int J Sports Med** 1981 Feb; 2(1):23–6

Lactate kinetics and individual anaerobic threshold. Stegmann H, et al. **Int J Sports Med** 1981 Aug;2(3):160–5

Effects of treadmill running on oxidative capacity of regenerated skeletal muscle. Van Handel PJ, et al. **Int J Sports Med** 1981 May;2(2):92–6

Dentistry and upper body strength [letter] **J Am Dent Assoc** 1982 Jan;104(1):10, 12–3

Appliances and upper body strength [letter] **J Am Dent Assoc** 1982 Mar;104(3):286, 288

Divergent views: can dental therapy enhance athletic performance? Jakush J. **J Am Dent Assoc** 1982 Mar;104(3):292–8

Upper body strength and dentistry [letter] Smith SD. **J Am Dent Assoc** 1982 Feb;104(2):140, 142

Patterns of glycogen loss in muscle fibers: response to arterial occlusion during exercise. Armstrong RB, et al. **J Appl Physiol** 1981 Sep;51(3):552–6

Heart contractility at pressure loads induced by ischemia of exercised muscle in humans. Bonde–Petersen F, et al. **J Appl Physiol** 1982 Feb;52(2):340–5

Training-induced alterations of the in vivo force–velocity relationship of human muscle. Caiozzo VJ, et al. **J Appl Physiol** 1981 Sep;51(3):750–4

Specificity of power improvements through slow and fast isokinetic training. Coyle EF, et al. **J Appl Physiol** 1981 Dec; 51(6):1437–42

Increased excretion of urea and N tau -methylhistidine by rats and humans after a bout of exercise. Dohm GL, et al. **J Appl Physiol** 1982 Jan;52(1):27–33

Effect of muscle glycogen content on glucose uptake following exercise. Fell RD, et al. **J Appl Physiol** 1982 Feb;52(2):434–7

Guinea pig soleus and gastrocnemius electromyograms at varying speeds, grades, and loads. Gardiner KR, et al. **J Appl Physiol** 1982 Feb;52(2):451–7

Skeletal muscle cytochrome c and myoglobin, endurance, and frequency of training. Hickson RC. **J Appl Physiol** 1981 Sep; 51(3):746–9

Glycogen and nonspecific adaptation to cold. LeBlanc J, et al. **J Appl Physiol** 1981 Dec;51(6):1428–32

Functional significance of compensatory overloaded rat fast muscle. Roy RR, et al. **J Appl Physiol** 1982 Feb;52(2):473–8

Stapedius reflex in curarized subjects: an index of neuromuscular weakness. Ruth RA, et al. **J Appl Physiol** 1982 Feb; 52(2):416–20

Myosin light chain phosphorylation is associated with a decrease in the energy cost for contraction in fast twitch mouse muscle. Crow MT, et al. **J Biol Chem** 1982 Mar 10;257(5):2121–4

Phosphofructokinase from Ascaris suum. Purification and properties. Starling JA, et al. **J Biol Chem** 1982 Apr 10; 257(7):3795–800

Muscles across the elbow joint: a biomechanical analysis. An KN, et al. **J Biomech** 1981;14(10):659–69

A three-dimensional biomechanical model of hip musculature. Dostal WF, et al. **J Biomech** 1981;14(11):803–12

Functional differentiation within the tensor fasciae latae. A telemetered electromyographic analysis of its locomotor roles. Paré EB, et al. **J Bone Joint Surg [Am]** 1981 Dec; 63-A(9):1457–71

In vivo rotatory knee stability. Ligamentous and muscular contributions. Shoemaker SC, et al. **J Bone Joint Surg [Am]** 1982 Feb;64(2):208–16

Lactate and glucose exchange across the forearm, legs, and splanchnic bed during and after prolonged leg exercise. Ahlborg G, et al. **J Clin Invest** 1982 Jan;69(1):45–54

Leucine meal increases glutamine and total nitrogen release from forearm muscle. Aoki TT, et al. **J Clin Invest** 1981 Dec; 68(6):1522–8

Synergistic interaction between exercise and insulin on peripheral glucose uptake. DeFronzo RA, et al. **J Clin Invest** 1981 Dec; 68(6):1468–74

Subacute anterior tibial compartment syndrome. Stefl DJ, et al. **J Foot Surg** 1981 Winter;20(4):258–61

Chemical energetics of slow- and fast-twitch muscles of the mouse. Crow MT, et al. **J Gen Physiol** 1982 Jan;79(1):147–66

Effects of membrane potential on mechanical activation in skeletal muscle. Dulhunty AF. **J Gen Physiol** 1982 Feb;79(2):233–51

Nonlinear summation of contractions in cat muscles. I. Early depression. Stein RB, et al. **J Gen Physiol** 1981 Sep; 78(3):277–93

Muscle fatigue in relation to EMG during repeated and maintained maximal isometric contractions. Oda S, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):175–81

Effect of a mouth appliance on athletic performance. Scimone FS. **J Mass Dent Soc** 1981;30(3):156–8

Myoadenylate deaminase deficiency or not? Observations on two brothers with exercise-induced muscle pain. Hayes DJ, et al. **J Neurol Sci** 1982 Jan;53(1):125–36

The nature of afferents from the large dorsal neck muscles that project to the superior colliculus in the cat. Abrahams VC, et al. **J Physiol (Lond)** 1981;319:393–401

The effects of digital nerve stimulation on the firing of motor units in human first dorsal interosseous muscle. Datta AK, et al. **J Physiol (Lond)** 1981 Sep;318:501–10

The effects of denervation on contractile properties or rat skeletal muscle. Finol HJ, et al. **J Physiol (Lond)** 1981;319:81–92

Load compensating responses of human abdominal muscles. Lansing RW, et al. **J Physiol (Lond)** 1981 Nov;320:253–68

Postural substitution in Duchenne's muscular dystrophy [letter] Siegel IM, et al. **JAMA** 1982 Feb 5;247(5):584

Muscle energy technique: definition, explanation, methods of procedure. Goodridge JP. **JAOA** 1981 Dec;81(4):249–54

Some evidence for concurrent involvement of the fore- and hindleg muscles in murine muscular dystrophy. Totsuka T, et al. **Jikken Dobutsu** 1981 Oct;30(4):465–70

Anaerobic threshold determination by blood lactate and myoelectric signals. Nagata A, et al. **Jpn J Physiol** 1981; 31(4):585–97

Beneficial effects of dantrolene sodium in exercise-induced muscle pains: calcium mediated? [letter] Bertorini T, et al. **Lancet** 1982 Mar 13;1(8272):616–7

The interaction of endurance running and ethanol on skeletal muscle mitochondria. Farrar RP, et al. **Life Sci** 1982 Jan 4; 30(1):67–75

Simple digital instrument for time measurement in muscle mechanics. Burke DJ, et al. **Med Biol Eng Comput** 1981 Nov; 19(6):786–8

An application of bioelectrical impedance for the detection of tissular bubbles in the diver: preliminary results. Jossinet J, et al. **Med Biol Eng Comput** 1981 Jul;19(4):419–25

Physical fitness in the elderly. Tichy MW, et al. **Med Instrum** 1982 Jan–Feb;16(1):20–1

Modulation of the action of insulin in relation to the energy state in skeletal muscle tissue: possible involvement of kinins and prostaglandins. Dietze GJ. **Mol Cell Endocrinol** 1982 Feb; 25(2):127–49 (203 ref.)

Energetics of isometric contraction in dystrophic fast and slow muscles. Nwoye LO, et al. **Muscle Nerve** 1982 Jan;5(1):69–72

Properties of 16S acetylcholinesterase from rat motor nerve skeletal muscle. Fernandez HL. **Neurochem Res** 1981 Sep;6(9):1005–17

Ipecac-induced myopathy simulating dermatomyositis. Bennett HS, et al. **Neurology (NY)** 1982 Jan;32(1):91–4

Influence of different types of physical fatigue on a visual detection task. Fleury M, et al. **Percept Mot Skills** 1981 Dec; 53(3):723–30

Muscle weakness following eccentric work in man. Davies CT, et al. **Pflugers Arch** 1981 Dec;392(2):168–71

Deglutition. Miller AJ. **Physiol Rev** 1982 Jan;62(1):129–84 (401 ref.)

Physical activity: impact on protein and amino acid metabolism and implications for nutritional requirements. Young VR, et al. **Prog Clin Biol Res** 1981;77:57–85 (73 ref.)

The 1981 C. H. McCloy Research Lecture. Analysis of local muscular fatigue patterns. Kroll W. **Res Q Exerc Sport** 1981 Dec;

PHYSICAL FITNESS/SPORTS MEDICINE

MUSCLES

52(4):523–39

Accelerated respiratory response to moderate exercise in late pregnancy. Edwards MJ, et al. **Respir Physiol** 1981 Sep; 45(3):229–41

Histamine synthesis, imidazole dipeptides, and wound healing. Fitzpatrick DW, et al. **Surgery** 1982 Apr;91(4):430–4

[Functional value of the pisiform bone in the grasping mechanism] Laude MM. **Bull Acad Natl Med (Paris)** 1981 Apr; 165(4):479–83 (Eng. Abstr.) (Fre)

[Exercise–induced malignant hyperthermia in a patient with familial ichthyosis vulgaris. Muscular carnitine deficiency as contributing factor (author's transl)] Haegy JM, et al. **Nouv Presse Med** 1982 Jan 16;11(2):115–7 (Eng. Abstr.) (Fre)

[Diagnosis of muscle function using Janda's method. Results of and examination of skiers on the Swiss and Liechtenstein National Teams] Spring H. **Schweiz Z Sportmed** 1981 Dec;29(4):143–6 (Eng. Abstr.) (Ger)

[Strength of the abductor and adductor muscles of the thigh after surgical treatment of congenital hip dislocation] Labaziewicz L. **Chir Narzadow Ruchu Ortop Pol** 1981;46(4):371-4 (Eng. Abstr.) (Pol)

[Structuro–functional organization of the microcirculatory bed of the skeletal muscles] Kozlov VI, et al. **Arkh Anat Gistol Embriol** 1982 Jan;82(1):7–21 (Eng. Abstr.) (Rus)

[Dynamics of quaternary structure of creatine kinase purified from rabbit skeletal muscles] Rozanova NA, et al. **Biokhimiia** 1981; 46(12):2125–35 (Eng. Abstr.) (Rus)

[Energy expenditure of young athletes during certain functional states and muscle activity] Filippov MM, et al. **Gig Sanit** 1982; (1):23–5 (Eng. Abstr.) (Rus)

[Oxygen metabolic characteristics in chronic ischemic heart disease under physical loading] Malchuk EIu. **Sov Med** 1982;(1):7–10 (Eng. Abstr.) (Rus)

MUSCULAR ATROPHY

Rehabilitation of muscle function after sport injury – major problem in sports medicine. Eriksson E. **Int J Sports Med** 1981 Feb; 2(1):1–6

MUSCULAR DISEASES

Occupational and individual factors in acute shoulder–neck disorders among industrial workers. Bjelle A, et al. **Br J Ind Med** 1981 Nov;38(4):356–63

A new type of dynamograph for measuring muscular strain. Mitrev N, et al. **Folia Med (Plovdiv)** 1981;23(1):54–8

[Muscular weakness corrected by exercise and myotonia (author's transl)] Wasser P, et al. **Rev Otoneuroophtalmol** 1981 Oct–Dec; 53(5):401–9 (Eng. Abstr.) (Fre)

[Five years of movement therapy – experiences from health resort work (author's transl)] Haizmann R. **Rehabilitation (Stuttg)** 1982 Feb;21(1):1–7 (Eng. Abstr.) (Ger)

[Epicondylalgias: a single disease or syndromes with multiple etiopathogenesis?] Baccarani G, et al. **Arch Putti Chir Organi Mov** 1980;30:343–50 (15 ref.) (Eng. Abstr.) (Ita)

[An unusual case of post–traumatic degeneration of the anterior tibial muscle] Bardelli M, et al. **Arch Putti Chir Organi Mov** 1980; 30:403–11 (Eng. Abstr.) (Ita)

MUSCULAR DYSTROPHY

Postural substitution in Duchenne's muscular dystrophy [letter] Siegel IM, et al. **JAMA** 1982 Feb 5;247(5):584

Energetics of isometric contraction in dystrophic fast and slow muscles. Nwoye LO, et al. **Muscle Nerve** 1982 Jan;5(1):69–72

MUSCULOSKELETAL SYSTEM

Selected aspects of deconditioning secondary to immobilization. Lentz M. **Nurs Clin North Am** 1981 Dec;16(4):729–37

MYASTHENIA GRAVIS

Neuromuscular transmission in neonatal mice injected with serum globulin of myasthenia gravis patients. Pagala MK, et al. **Neurology (NY)** 1982 Jan;32(1):12–7

MYOCARDIAL DISEASES

Spontaneous exercise testing: running as an early unmasker of underlying cardiac amyloidosis. Siegel RJ, et al. **Arch Intern Med** 1982 Feb;142(2):345

[Cineangiographical and histopathological studies on hypertrophic myocardial disease with giant negative T wave (author's transl)] Kudo K, et al. **J Cardiogr** 1981 Sep;11(3):837–46 (Eng. Abstr.) (Jpn)

MYOCARDIAL INFARCTION

Computer analysis of the exercise ECG: new aspects. Block P, et al. **Acta Cardiol [Suppl] (Brux)** 1981;26 Suppl:29–36

Effect of timolol on platelet aggregation in coronary heart disease. Thaulow E, et al. **Acta Med Scand [Suppl]** 1981;651:101–9

Social network analysis and coronary heart disease. Berkman LF. **Adv Cardiol** 1982;29:37–49

Effects of infarct size, smoking, physical activity and some psychological factors on prognosis after myocardial infarction. Wilhelmsen L, et al. **Adv Cardiol** 1982;29:119–25

Exercise responses before and after physical conditioning in patients with severely depressed left ventricular function. Conn EH, et al. **Am J Cardiol** 1982 Feb 1;49(2):296–300

Severe left main coronary arterial stenosis with right coronary arterial occlusion: results of bypass graft surgery. Rittenhouse EA, et al. **Am J Cardiol** 1982 Mar;49(4):645–50

Reduced prostacyclin production in patients with different manifestations of ischemic heart disease. Serneri GG, et al. **Am J Cardiol** 1982 Apr 1;49(5):1146–51

Exercise testing early after myocardial infarction. Risks and benefits. Miller DH, et al. **Am J Med** 1982 Mar;72(3):427–38 (72 ref.)

Exercise tests after myocardial infarction [letter] Agarwal AK. **Ann Intern Med** 1982 Feb;96(2):250

Radionuclide assessment of left ventricular function in patients requiring intraoperative balloon pump assistance. Davies RA, et al. **Ann Thorac Surg** 1982 Feb;33(2):123–31

Myocardial infarct size and cardiac performance at exercise soon after myocardial infarction. Grande P, et al. **Br Heart J** 1982 Jan;47(1):44–50

Segmental quantitative analysis of digital thallium–201 myocardial scintigrams in diagnosis of coronary artery disease. Comparison with rest and exercise electrocardiography and coronary arteriography. Wainwright RJ, et al. **Br Heart J** 1981 Nov; 46(5):478–85

Assessment of cardiac risk 10 days after uncomplicated myocardial infarction. Jelinek VM, et al. **Br Med J [Clin Res]** 1982 Jan 23; 284(6311):227–30

Prognosis of women with exercise–induced ECG changes—results from a longitudinal population study. Bengtsson C, et al. **Cardiology** 1981;68 Suppl 2:9–14

Prognostic value of exercise testing: a 6–year follow–up in post–myocardial infarction patients. De Backer GG, et al. **Cardiology** 1981;68 Suppl 2:71–7

Results of exercise tests and prognosis in postinfarction patients below age 40. Samek L, et al. **Cardiology** 1981; 68 Suppl 2:84–90

Prognostic value of thallium–201 stress myocardial scintigraphy with exercise ECG after myocardial infarction. Smeets JP, et al. **Cardiology** 1981;68 Suppl 2:67–70

Exercise hemodynamics 1 month, 2 months and 1 year after myocardial infarction: prognostic considerations. Tavazzi L, et al. **Cardiology** 1981;68 Suppl 2:53–66

Exercise testing after nontransmural myocardial infarction. Coronary angiographic and prognostic correlations. Vecchio C, et al. **Cardiology** 1981;68(4):218–32

Early load–limiting versus symptom–limited exercise testing: prognostic value in 200 myocardial infarction patients. Velasco JA, et al. **Cardiology** 1981;68 Suppl 2:44–8

Nine years' follow–up of a maximal exercise test in a random population sample of middle–aged men. Wilhelmsen L, et al. **Cardiology** 1981;68 Suppl 2:1–8

Value of exercise testing for prediction of physical and psychosocial rehabilitation potential 3 months after acute myocardial infarction. Zilcher H, et al. **Cardiology** 1981; 68 Suppl 2:49–52

Survival of patients with a strongly positive exercise electrocardiogram. Dagenais GR, et al. **Circulation** 1982 Mar; 65(3):452–6

Right atrial pacing soon after myocardial infarction. Tzivoni D, et al. **Circulation** 1982 Feb;65(2):830–5

Physician practice in the management of patients with uncomplicated myocardial infarction: changes in the past decade. Wenger NK, et al. **Circulation** 1982 Mar;65(3):421–7

The effect of some antianginal drugs on the myocardial perfusion in patients with ischaemic heart disease. Gasilin VS, et al. **Cor Vasa** 1981;23(6):429–38

Changes in total and local contractility of the left ventricle, imaged by radionuclide ventriculography, in patients with ischaemic heart disease during submaximal exercise. Kramer AA, et al. **Cor Vasa** 1981;23(6):403–11

Noninvasive assessment of patients with ischemic heart disease. Crawford MH. **Curr Probl Cardiol** 1981 Oct;6(7):1–50

Early exercise test for evaluation of long–term prognosis after uncomplicated myocardial infarction. Velasco J, et al. **Eur Heart J** 1981 Oct;2(5):401–7

Effectiveness of cardiac rehabilitation. Mayou R. **J Psychosom Res** 1981;25(5):423–7

Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235–44

Clinical evaluation of stress myocardial scintigraphy with thallium–201 in patients with ischemic heart disease. Semiquantitative analysis of single dose myocardial imaging. Nakashima Y, et al. **Jpn Circ J** 1982 Mar;46(3):245–51

Rehabilitation after myocardial infarction [letter] Herxheimer A, et al. **Lancet** 1982 Feb 27;1(8270):505

The value of postcardiac infarction exercise stress testing: identification of a group at high risk. Srinivasan M, et al. **Med J Aust** 1981 Oct 31;2(9):466–7

Medically treated coronary–artery disease [letter] **N Engl J Med** 1982 Mar 18;306(11):677–9

Current concepts of cardiac rehabilitation. Burke LE. **Occup Health Nurs** 1981 Dec;29(12):41–7

Rehabilitation of the cardiac patient. Program phases and rationale. Winslow EB. **Postgrad Med** 1982 Feb;71(2):114–9, 122–7

Radionuclide evaluation of the interventricular septum following coronary artery bypass surgery. Lindsay J Jr, et al. **Radiology** 1982 Feb;142(2):489–93

Correlation of ventricular ectopic activity and exercise–related ST–segment changes. Davidoff R, et al. **S Afr Med J** 1982 Apr 10;61(15):539–42

Lack of correlation between the clinical assessment of cardiovascular status and exercise electrocardiography. Davidoff R, et al. **S Afr Med J** 1982 Apr 10;61(15):542–3

The organisation and rehabilitation of the post myocardial infarction patient. **Singapore Med J** 1981 Aug;22(4):233–5

Rehabilitation of the coronary patient. Wenger NK. **Singapore Med J** 1981 Aug;22(4):239–46

[Comparison of the results of spiroergometry and coronarography in angina pectoris after myocardial infarction] Barták K, et al. **Cas Lek Cesk** 1981 Nov 19;120(46):1401–7 (Eng. Abstr.) (Cze)

[Determination of lacticodehydrogenase in early exercise testing after acute myocardial infarction (author's transl)] Vávra P, et al. **Cas Lek Cesk** 1981;120(50):1530–3 (Eng. Abstr.) (Cze)

[Early stress test after acute myocardial infarct] Stejfa M, et al. **Vnitr Lek** 1982 Jan;28(1):28–37 (Eng. Abstr.) (Cze)

[Value of regular supervised physical training after acute myocardial infarction] Andersen GS, et al. **Ugeskr Laeger** 1981 Nov 2;143(45):2952–5 (Eng. Abstr.) (Dan)

[Physical training after acute myocardial infarction] Kelbaek H, et al. **Ugeskr Laeger** 1981 Nov 2;143(45):2949–5 (Eng. Abstr.) (Dan)

[Lesional severity of post–infarction angina pectoris (author's transl)] Schurtz C, et al. **Ann Cardiol Angeiol (Paris)** 1981 Nov;30(6):389–93 (Eng. Abstr.) (Fre)

[Myocardial scintigraphy with Tc–99m–diphosphonate in patients with coronary heart disease: a comparison with ECG and hemodynamic examinations at rest and during exertion] Neumann G, et al. **Cor Vasa** 1981;23(6):467–72 (Eng. Abstr.) (Ger)

[Rhythm disorders in the rehabilitation phase after myocardial infarct] Künzler A, et al. **Schweiz Med Wochenschr** 1981 Dec 12;111(50):1962–4 (Eng. Abstr.) (Ger)

[Identification of high–risk patients with myocardial infarct, using clinical data and exercise tests] Greco P., et al. **Boll Soc Ital Cardiol** 1980;25(11):1315–23 (Eng. Abstr.) (Ita)

[Comparison between holter dynamic ECG and exercise stress test in the evaluation of ventricular arrhythmias in patients with ischaemic heart disease (author's transl)] Minardi G, et al. **G Ital Cardiol** 1981;11(8):1063–71 (Eng. Abstr.) (Ita)

[The clinical significance of exercise–induced ST–segment elevation–electrocardiographic and arteriographic evaluation in 23 patients (author's transl)] Aizawa T, et al. **Kokyu To Junkan** 1981 Nov;29(11):1203–11 (Eng. Abstr.)(Jpn)

[Acute hemorrhagic myocardial infarction following treadmill exercise test (author's transl)] Fukami K, et al. **Kokyu To Junkan** 1981 Nov;29(11):1249–55 (Eng. Abstr.)(Jpn)

[Changes in the skin oxygen regimen and microcirculation as affected by the intensive physical training of myocardial infarct patients] Aronov DM, et al. **Kardiologiia** 1982 Jan;22(1):44–9 (Eng. Abstr.) (Rus)

[Comparative evaluation of bicycle ergometry and coronary radiography results in stenocardia as a function of the ECG ST segment reaction during physical loading] Gasilin VS, et al. **Kardiologiia** 1982 Jan;22(1):11–5 (Eng. Abstr.) (Rus)

[Program and results of 10 weeks' physical training of myocardial infarct patients and patients with exertion stenocardia] Liusov VA, et al. **Kardiologiia** 1982 Jan;22(1):49–53 (Eng. Abstr.) (Rus)

[Algesimetry in ischemic heart disease and neurocirculatory dystonia] Sidorenko GI, et al. **Kardiologiia** 1981 Dec;21(12):87–92 (Eng. Abstr.) (Rus)

[Psychic changes in relation to the characteristics of the cardiac pain syndrome of myocardial infarct patients] Zaitsev VP, et al. **Kardiologiia** 1982 Jan;22(1):53–7 (Eng. Abstr.) (Rus)

[Computer analysis of the physical loading test] Charchoglian RA, et al. **Sov Med** 1982;(1):3–7 (Eng. Abstr.) (Rus)

[Cardiac Rehabilitation (author's transl)] Román O. **Rev Med Chil** 1981 May;109(5):453–8 (Eng. Abstr.) (Spa)

MYOGLOBINURIA

[A case of acute exertional rhabdomyolysis associated with acute renal failure (author's transl)] Kitoh C, et al. **Nippon Jinzo Gakkai Shi** 1981 Sep;23(9):1217–23 (Eng. Abstr.) (Jpn)

MYOTONIA

[Muscular weakness corrected by exercise and myotonia (author's transl)] Wasser P, et al. **Rev Otoneuroophtalmol** 1981 Oct–Dec;53(5):401–9 (Eng. Abstr.) (Fre)

MYOTONIA ATROPHICA

Pathogenesis of respiratory insufficiency in myotonic dystrophy: the mechanical factors. Bégin R, et al. **Am Rev Respir Dis** 1982 Mar;125(3):312–8

NASAL CAVITY

Nasal respiration and physical effort in children. Betlejewski S, et al. **Int J Pediatr Otorhinolaryngol** 1981 Dec;3(4):295–301

NEUROMUSCULAR DISEASES

Stapedius reflex in curarized subjects: an index of neuromuscular weakness. Ruth RA, et al. **J Appl Physiol** 1982 Feb;52(2):416–20

Ipecac–induced myopathy simulating dermatomyositis. Bennett HS, et al. **Neurology (NY)** 1982 Jan;32(1):91–4

NICOTINE

Human cigarette smoking: manipulation of number of puffs per bout, interbout interval and nicotine dose. Griffiths RR, et al. **J Pharmacol Exp Ther** 1982 Feb;220(2):256–65

NICOTINIC ACIDS

The influence of free fatty acids on glycogen recovery in rat heart after exercise. Conlee RK, et al. **Eur J Applied Physiol** 1981;47(4):377–83

NITROGEN

Exercise and distribution of inspired gas in patients with obstructive pulmonary disease. Cutillo A, et al. **Bull Eur Physiopathol Respir** 1981 Nov–Dec;17(6):891–901

Leucine meal increases glutamine and total nitrogen release from forearm muscle. Aoki TT, et al. **J Clin Invest** 1981 Dec;68(6):1522–8

Nutritional status of Papua New Guinea highlanders. Okuda T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(4):319–31

[Nutrient input in lakes by bathers (author's transl)] Schulz L. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1981 Sep;173(6):528–48 (Eng. Abstr.) (Ger)

NOREPINEPHRINE

Response of plasma norepinephrine and epinephrine to dynamic exercise in patients with congestive heart failure. Francis GS, et al. **Am J Cardiol** 1982 Apr 1;49(5):1152–6

Tonic force maintenance with reduced shortening velocity in arterial smooth muscle. Dillon PF, et al. **Am J Physiol** 1982 Jan;242(1):C102–8

Catecholamine release and blood pressure changes induced by exercise in dogfish. Opdyke DF, et al. **Am J Physiol** 1982 Mar;242(3):R306–10

Cocaine and contractile responses of vascular smooth muscle from spontaneously hypertensive rats. Webb RC, et al. **Arch Int Pharmacodyn Ther** 1981 Oct;253(2):241–56

Effect of moderate cooling on adrenergic neuroeffector interaction in canine cutaneous veins. Janssens WJ, et al. **Blood Vessels** 1981;18(6):281–95

Norepinephrine mobilization of free fatty acids in endurance trained rats. Thibault MC, et al. **Eur J Applied Physiol** 1981;47(4):313–22

Response of blood pressure and plasma norepinephrine to propranolol, metoprolol and clonidine during isometric and dynamic exercise in hypertensive patients. Virtanen K, et al. **Eur J Clin Pharmacol** 1982;21(4):275–9

Plasma catecholamines in trained and untrained volunteers during graduated exercise. Lehmann M, et al. **Int J Sports Med** 1981 Aug;2(3):143–7

Effects of 5–hydroxytryptamine on neuroeffector junction in human pulmonary artery. Freeman WK, et al. **J Appl Physiol** 1981 Sep;51(3):693–8

NOREPINEPHRINE

Denervated and intact kidney responses to exercise in the dog. Sadowski J, et al. **J Appl Physiol** 1981 Dec;51(6):1618–24

Role of the intima in cholinergic and purinergic relaxation of isolated canine femoral arteries. De Mey JG, et al. **J Physiol (Lond)** 1981 Jul;316:347–55

Enhancement of calorigenic response to cold and to norepinephrine in physically trained rats. Hirata K, et al. **Jpn J Physiol** 1981; 31(5):657–65

Plasma free and sulfate conjugated catecholamine levels during acute physiological stimulation in man. Joyce DA, et al. **Life Sci** 1982 Feb 1;30(5):447–54

Hypoglycemia during prolonged exercise in normal men. Felig P, et al. **N Engl J Med** 1982 Apr 15;306(15):895–900

[Changes in adrenaline and noradrenaline plasma levels in essential hypertension in relation to emotional and physical stress] Přikryl P, et al. **Vnitr Lek** 1982 Jan;28(1):1–9 (Eng. Abstr.) (Cze)

[The aerobic and anaerobic capacity of adolescents and catecholamine excretion during prolonged submaximal exercise (author's transl)] Lehmann M, et al. **Eur J Applied Physiol** 1982; 48(1):135–45 (Eng. Abstr.) (Ger)

NOSE

Effect of nasal and oral breathing on exercise–induced asthma. Mangla PK, et al. **Clin Allergy** 1981 Sep;11(5):433–9

NUTRITION

A school–based behavior modification, nutrition education, and physical activity program for obese children. Brownell KD, et al. **Am J Clin Nutr** 1982 Feb;35(2):277–83

Pathophysiology of cancer cachexia: current understanding and areas for future research. DeWys WD. **Cancer Res** 1982; 42(2 Suppl):721s–726s

Nutrition and the respiratory system. Askanazi J, et al. **Crit Care Med** 1982 Mar;10(3):163–72 (124 ref.)

Serum zinc in athletes in training. Haralambie G. **Int J Sports Med** 1981 Aug;2(3):135–8

The nutritionist as the primary care provider in a team approach to obesity. Fletcher AM. **J Am Diet Assoc** 1982 Mar; 80(3):253–5

Nutritional status of Papua New Guinea highlanders. Okuda T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(4):319–31

Treating adolescent obesity: a pilot project in a school. Zakus G, et al. **J Sch Health** 1981 Dec;51(10):663–6

Body composition in adolescence. Forbes GB. **Prog Clin Biol Res** 1981;61:55–72 (32 ref.)

Physical activity: impact on protein and amino acid metabolism and implications for nutritional requirements. Young VR, et al. **Prog Clin Biol Res** 1981;77:57–85 (73 ref.)

NUTRITIONAL REQUIREMENTS

Assessment and conservative management of the overfat adolescent. Carruth BR, et al. **J Adolesc Health Care** 1981 Jun; 1(4):289–99

Physical activity: impact on protein and amino acid metabolism and implications for nutritional requirements. Young VR, et al. **Prog Clin Biol Res** 1981;77:57–85 (73 ref.)

OBESITY

Treatment of obese schoolchildren with special reference to the mode of therapy, cardiorespiratory performance and the carbohydrate and lipid metabolism. Ylitalo V. **Acta Paediatr Scand [Suppl]** 1981;290:1–108

A school–based behavior modification, nutrition education, and physical activity program for obese children. Brownell KD, et al. **Am J Clin Nutr** 1982 Feb;35(2):277–83

Effect of swim training on development of obesity in the genetically obese rat. Walberg JL, et al. **Am J Physiol** 1982 Mar; 242(3):R204–11

Evaluation of a slimming group. Pettigrew P, et al. **Health Visit** 1982 Feb;55(2):79–80

Contributors to coronary risk: ten years later. Kannel WB, et al. **Heart Lung** 1982 Jan–Feb;11(1):60–4

Assessment and conservative management of the overfat adolescent. Carruth BR, et al. **J Adolesc Health Care** 1981 Jun; 1(4):289–99

The nutritionist as the primary care provider in a team approach to obesity. Fletcher AM. **J Am Diet Assoc** 1982 Mar; 80(3):253–5

Treating adolescent obesity: a pilot project in a school. Zakus G, et al. **J Sch Health** 1981 Dec;51(10):663–6

Massachusetts Department of Public Health. Risk factors and life style: a statewide health–interview survey. Lambert CA, et al. **N Engl J Med** 1982 Apr 29;306(17):1048–51

Slimming groups: shedding down to size. Cathcart F, et al. **Nurs Mirror** 1981 Dec 9;153(24):44–6

The high prevalence of impaired glucose tolerance and diabetes mellitus in an isolated Polynesian population, Manihiki, Cook Islands. Weinstein S, et al. **NZ Med J** 1981 Dec 9; 94(697):411–3

A study concerning adaptability in overweight puberal children. Petroiu A, et al. **Physiologie** 1982 Jan–Mar;19(1):35–9

Body composition in adolescence. Forbes GB. **Prog Clin Biol Res** 1981;61:55–72 (32 ref.)

Exercise and obesity: etiology, physiology, and intervention. Thompson JK, et al. **Psychol Bull** 1982 Jan;91(1):55–79

The biochemical basis of obesity. Rath EA. **Sci Prog** 1981 Autumn; 67(267):357–76 (110 ref.)

[Effects of physical activity and mid–alpine climatotherapy on serum lipids on adult diabetics and in obesity] Angelov I, et al. **Vutr Boles** 1981;20(5):93–7 (Eng. Abstr.) (Bul)

[The evaluation of relationship between the occupational physical activity and the selected risk factors of coronary disease (author's transl)] Kupść W, et al. **Przegl Lek** 1981;38(11):805–8 (Eng. Abstr.) (Pol)

[Therapeutic physical exercise in the combined treatment of hypertension and alimentary obesity] Luganskiĭ IuN, et al. **Vrach Delo** 1982 Feb;(2):54–7 (Eng. Abstr.) (Rus)

OBTURATOR NERVE

Properties of 16S acetylcholinesterase from rat motor nerve skeletal muscle. Fernandez HL. **Neurochem Res** 1981 Sep;6(9):1005–17

OSTEOARTHRITIS

The effect of running on the osteoarthritic joint: an experimental matched–pair study with rabbits. Videman T. **Rheumatol Rehabil** 1982 Feb;21(1):1–8

Relationship of isometric knee extension torque and functional variables in osteoarthrosis of the knee. Lankhorst GJ, et al. **Scand J Rehabil Med** 1982;14(1):7–10

[Incidence of previous engagement in sports among patients with symptomatic arthrosis. Controlled study] Boyer T, et al. **Rev Rhum Mal Osteoartic** 1981 Dec;48(12):793–7 (Eng. Abstr.) (Fre)

OSTEOPOROSIS

Add exercise to calcium in osteoporosis prevention. Korcok M. **JAMA** 1982 Feb 26;247(8):1106, 1112

OXYGEN CONSUMPTION

Captopril – an oral angiotensin–converting enzyme inhibitor in CHF. Chatterjee K, et al. **Acta Med Scand [Suppl]** 1981; (652):181–7

The multifactorial approach to myocardial salvage. The experience from diving seals. Kjekshus JK, et al. **Acta Med Scand [Suppl]** 1981;651:49–57

Skeletal muscle adaptation to aging and to respiratory and liver failure. Möller P. **Acta Med Scand [Suppl]** 1982;654:1–40

Reduction of submaximal exercise myocardial oxygen demand post–walk training program in coronary patients due to improved physical work efficiency. Dressendorfer RH, et al. **Am Heart J** 1982 Mar;103(3):358–62

Role of coronary vasospasm in the pathogenesis of myocardial ischemia and angina pectoris. Gorlin R. **Am Heart J** 1982 Apr; 103(4 Pt 2):598–603

Comparative analysis of physiologic responses to three different maximal graded exercise test protocols in healthy women. Pollock ML, et al. **Am Heart J** 1982 Mar;103(3):363–73

Exercise responses before and after physical conditioning in patients with severely depressed left ventricular function. Conn EH, et al. **Am J Cardiol** 1982 Feb 1;49(2):296–300

Response of plasma norepinephrine and epinephrine to dynamic exercise in patients with congestive heart failure. Francis GS, et al. **Am J Cardiol** 1982 Apr 1;49(5):1152–6

Effect of a meal and previous exercise on the oxygen consumption/heart rate relationship [letter] Balwin K, et al. **Am J Clin Nutr** 1982 Jan;35(1):177–8

Relationships between adenosine and coronary resistance in conscious exercising dogs. McKenzie JE, et al. **Am J Physiol** 1982 Jan;242(1):H24–9

Potential blood supply to muscles in horses and dogs and its relation to athletic ability. Gunn HM. **Am J Vet Res** 1981 Apr; 42(4):679–84

A study of treadmill exercise protocols for Chinese males. Ho BL. **Aviat Space Environ Med** 1982 Feb;53(2):112–6

Pre– and post–adolescents' physiological response to exercise. Bale P. **Br J Sports Med** 1981 Dec;15(4):246–9

Post–competition blood lactate concentrations in competitive track cyclists. Burke ER, et al. **Br J Sports Med** 1981 Dec; 15(4):242–5

A thermophysiological rationale for endurance training for racquet activities. Hancock PA. **Br J Sports Med** 1981 Dec; 15(4):234–7

PHYSICAL FITNESS/SPORTS MEDICINE

OXYGEN CONSUMPTION

Spirometric predicted values for teenage boys: relation to body composition and exercise performance. Palka MJ. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):59–64

Daily energy expenditure of young boys as related to maximal aerobic power. Cunningham DA, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):207–11

Cardio–respiratory fitness and muscular strength in the lower–limb disabled. Davis GM, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):159–65

Fitness and the physically disabled. A review. Emes CG. **Can J Appl Sport Sci** 1981 Dec;6(4):176–8 (23 ref.)

Cyclic variations in perceived exertion and physical work capacity in females. Higgs SL, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):191–6

The mechanical efficiency of wheelchair dependent women during wheelchair ergometry. Knowlton RG, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):187–90

The use of the aerobic threshold as a basis for training. McLellan TM, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):197–201

A field test for the prediction of aerobic capacity in male paraplegics and quadraplegics. Rhodes EC, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):182–6

Mechanisms of oxygen effects on exercise in patients with chronic obstructive pulmonary disease. Stein DA, et al. **Chest** 1982 Jan;81(1):6–10

Work as a correlate of canine left ventricular oxygen consumption, and the problem of catecholamine oxygen wasting. Rooke GA, et al. **Circ Res** 1982 Feb;50(2):273–86

Exercise and sudden death–part I. McManus BM, et al. **Curr Probl Cardiol** 1981 Dec;6(9):1–89

Oxygen consumption during outdoor recreational cycling. van Baak MA, et al. **Ergonomics** 1981 Sep;24(9):725–33

Physiological profiles of representative women softball, hockey and netball players. Withers RT, et al. **Ergonomics** 1981 Aug;24(8):583–91

A comparison of plasma cholesterol, triglycerides, and high density lipoprotein–cholesterol in speed skaters, weightlifters and non–athletes. Farrell PA, et al. **Eur J Applied Physiol** 1982;48(1):77–82

Skeletal muscle properties and performance in elite female track athletes. Gregor RJ, et al. **Eur J Applied Physiol** 1981;47(4):355–64

Blood metabolites during prolonged exercise in swimming and leg cycling. Lavoie JM. **Eur J Applied Physiol** 1982;48(1):127–33

Effect of sleep deprivation on tolerance of prolonged exercise. Martin BJ. **Eur J Applied Physiol** 1981;47(4):345–54

VO2 peak during free swimming using the backward extrapolation of the O2 recovery curve. Montpetit RR, et al. **Eur J Applied Physiol** 1981;47(4):385–91

Chemical energy balance in amphibian and mammalian muscles. Kushmerick MJ, et al. **Fed Proc** 1982 Feb;41(2):163–8

Energetic patterns of normally circulated mammalian muscle in situ. Stainsby WN. **Fed Proc** 1982 Feb;41(2):185–8

Functional state of the cardiovascular system, ventilation, and gas exchange during standard physical work in different age periods. Ivanov LA. **Hum Physiol** 1981 Mar–Apr;7(2):99–103

Age differences in some physiological functions during heavy physical work. Solonin YuG, et al. **Hum Physiol** 1981 Mar–Apr;7(2):92–8

The influence of hemoglobin concentration on exercise cardiac output. Freedson PS. **Int J Sports Med** 1981 May;2(2):81–6

Physiologic response to endurance work as a function of prior exercise. Gutin B, et al. **Int J Sports Med** 1981 May;2(2):87–91

Assessment of different forms of physical activity with respect to preventive and rehabilitative cardiology. Hollmann W, et al. **Int J Sports Med** 1981 May;2(2):67–80

Skeletal muscle and physiologic characteristics of a world champion masters distance runner: a case study. Houston ME, et al. **Int J Sports Med** 1981 Feb;2(1):47–9

Alteration in the lactate threshold with changes in substrate availability. Ivy JL, et al. **Int J Sports Med** 1981 Aug;2(3):139–42

Performance and muscle metabolite changes in exercise with repeated maximal dynamic contractions. Karlsson J, et al. **Int J Sports Med** 1981 May;2(2):110–3

Muscle metabolism, lactate breaking point, and biomechanical features of endurance running. Komi PV, et al. **Int J Sports Med** 1981 Aug;2(3):148–53

Plasma catecholamines in trained and untrained volunteers during graduated exercise. Lehmann M, et al. **Int J Sports Med** 1981 Aug;2(3):143–7

Effect of exercise–diet manipulation on muscle glycogen and its subsequent utilization during performance. Sherman WM, et al. **Int J Sports Med** 1981 May;2(2):114–8

Heart contractility at pressure loads induced by ischemia of exercised muscle in humans. Bonde–Petersen F, et al. **J Appl Physiol** 1982 Feb;52(2):340–5

A physiological comparison of young and older endurance athletes. Heath GW, et al. **J Appl Physiol** 1981 Sep;51(3):634–40

Effects of menstrual cycle on blood lactate, O2 delivery, and performance during exercise. Jurkowski JE, et al. **J Appl Physiol** 1981 Dec;51(6):1493–9

Pulmonary diffusion capacities for O2 and CO measured by a rebreathing technique. Meyer M, et al. **J Appl Physiol** 1981 Dec;51(6):1643–50

Estimation of cardiac output by electrical impedance during arm exercise in women. Miles DS, et al. **J Appl Physiol** 1981 Dec;51(6):1488–92

A simply constructed treadmill for rodent exercise studies. Rubin SA, et al. **J Appl Physiol** 1982 Feb;52(2):505–7

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep;51(3):557–64

Measurement of metabolic rate in hyperoxia. Welch HG, et al. **J Appl Physiol** 1981 Sep;51(3):725–31

Lactate and glucose exchange across the forearm, legs, and splanchnic bed during and after prolonged leg exercise. Ahlborg G, et al. **J Clin Invest** 1982 Jan;69(1):45–54

Chemical energetics of slow– and fast–twitch muscles of the mouse. Crow MT, et al. **J Gen Physiol** 1982 Jan;79(1):147–66

Aerobic and anaerobic threshold of Japanese male adults. Nemoto I, et al. **J Hum Ergol (Tokyo)** 1980 Dec;9(2):183–9

The effects of two breathing patterns on selected physiological parameters during a 200–yard simulated freestyle swim in male swimmers. Bell GH. **J Sports Med Phys Fitness** 1981 Sep;21(3):271–8

The use of selected submaximal step tests in predicting change in the maximal oxygen intake of college women. Johnson J, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):259–64

Changes in the metabolic cost of standardized work associated with the use of an oral contraceptive. McNeill AW, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):238–44

EMG related to anaerobic threshold. Miyashita M, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):209–17

The relationship between exercise intensity levels of two predictive heart rate equations and per cent maximal oxygen consumption. Paabo S, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):226–30

Selected fitness parameters of college female lacrosse players. Schmidt MN, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):282–90

The effects of aerobic dance conditioning on the body composition and maximal oxygen uptake of college women. Vaccaro P, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):291–4

Anaerobic threshold determination by blood lactate and myoelectric signals. Nagata A, et al. **Jpn J Physiol** 1981;31(4):585–97

The interaction of endurance running and ethanol on skeletal muscle mitochondria. Farrar RP, et al. **Life Sci** 1982 Jan 4;30(1):67–75

Aerobic capacity and habitual physical activity in three groups of apparently healthy Malay males. Shahabudin SH. **Med J Malaysia** 1981 Mar;36(1):47–51

The effects of prolonged exercise on spinally injured subjects. Gass GC, et al. **Med Sci Sports Exerc** 1981;13(5):277–83

Exercise performance in marathon runners with airway obstruction. Mahler DA, et al. **Med Sci Sports Exerc** 1981;13(5):284–9

Improved cardiopulmonary status after a two–month program of graded arm exercise in a patient with C6 quadriplegia. A case report. DiCarlo SE. **Phys Ther** 1982 Apr;62(4):456–9

Physical activity: impact on protein and amino acid metabolism and implications for nutritional requirements. Young VR, et al. **Prog Clin Biol Res** 1981;77:57–85 (73 ref.)

Physiological correlates of female road racing performance. Conley DL, et al. **Res Q Exerc Sport** 1981 Dec;52(4):441–8

Erythrocyte changes during training in high school women cross–country runners. Puhl JL, et al. **Res Q Exerc Sport** 1981 Dec;52(4):484–94

Accelerated respiratory response to moderate exercise in late pregnancy. Edwards MJ, et al. **Respir Physiol** 1981 Sep;45(3):229–41

Effects of ozone exposure on lung function in man: a review. Folinsbee LJ. **Rev Environ Health** 1981;3(3):211–40

[Physical fitness in diabetic adolescents (author's transl)] Baran D, et al. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):51–8 (Eng. Abstr.) **(Fre)**

[Oxygen uptake (VO2) and carbon dioxide discharge (VCO2) in swine exposed to exhaustive physical stress] Steinhardt M, et al. **Arch Exp Veterinarmed** 1981;35(5):725–36 (Eng. Abstr.) **(Ger)**

[The aerobic and anaerobic capacity of adolescents and catecholamine excretion during prolonged submaximal exercise (author's transl)] Lehmann M, et al. **Eur J Applied Physiol** 1982;48(1):135–45 (Eng. Abstr.) **(Ger)**

[Methodologic and exercise-physiologic principles of ergometry: value of noninvasive parameters in the detection of compromised exercise capacity due to heart disease (author's transl)] Franz IW, et al. **Herz** 1982 Feb;7(1):29–41 (29 ref.) (Eng. Abstr.) **(Ger)**

PHYSICAL FITNESS/SPORTS MEDICINE

OXYGEN CONSUMPTION

[Ergometry in childhood. Normal values and use in paediatric cardiology (author's transl)] Mocellin R. **Herz** 1982 Feb; 7(1):42–9 (23 ref.) (Eng. Abstr.) (Ger)

[Principles of ergometry. – Part II: criteria for assessment of the exercise test. Criteria for interpretation (author's transl)] Niederberger M. **Herz** 1982 Feb;7(1):20–8 (114 ref.) (Eng. Abstr.) (Ger)

[Principles of ergometry. Part I. Physiologic basis and methodology] Niederberger M. **Herz** 1982 Feb;7(1):1–19 (Eng. Abstr.) (Ger)

[Indications for the use of phosphocreatine in cardiology] Pinelli G, et al. **Clin Ter** 1982 Feb 15;100(3):261–79 (Eng. Abstr.) (Ita)

[Limitations of long-term treatment with vasodilator agents in increasing maximum functional capacity in patients with left ventricular insufficiency] Gronda E, et al. **G Ital Cardiol** 1981; 11(6):803–11 (Eng. Abstr.) (Ita)

[The role of physical capacity as an index of the level of basic physiological parameters during physical work (author's transl)] Makowiec-Dąbrowska T. **Przegl Lek** 1981;38(9):689–91 (Eng. Abstr.) (Pol)

[Comparative cycloergometric study of the conventional method and a manual technic, in different occupational groups] Nobre F, et al. **Arq Bras Cardiol** 1981 May;36(5):329–32 (Eng. Abstr.) (Por)

[Features of exertional hypoxia] Filippov MM. **Fiziol Zh** 1981 Nov–Dec;27(6):753–7 (Eng. Abstr.) (Rus)

[Changes in the skin oxygen regimen and microcirculation as affected by the intensive physical training of myocardial infarct patients] Aronov DM, et al. **Kardiologiia** 1982 Jan;22(1):44–9 (Eng. Abstr.) (Rus)

[Oxygen metabolic characteristics in chronic ischemic heart disease under physical loading] Malchuk EIu. **Sov Med** 1982;(1):7–10 (Eng. Abstr.) (Rus)

[Cardiac Rehabilitation (author's transl)] Román O. **Rev Med Chil** 1981 May;109(5):453–8 (Eng. Abstr.) (Spa)

PAPAVERINE

Increased regional myocardial perfusion after intracoronary papaverine in patients after coronary artery bypass grafting. Goldman S, et al. **J Thorac Cardiovasc Surg** 1982 Apr; 83(4):563–8

PARASYMPATHOLYTICS

Antiparetic and antispastic effects induced by tizanidine in patients with spastic paresis. Knutsson E, et al. **J Neurol Sci** 1982 Feb; 53(2):187–204

Effects of cholinomimetics, cholinolytics and atypical antidepressants in the behavioral despair test in the rat. Herman ZS, et al. **Pol J Pharmacol Pharm** 1981;33(5):485–9

PATELLA

A statistical study of Knee injuries due to football in high-school athletes. Pritchett JW. **J Bone Joint Surg [Am]** 1982 Feb; 64(2):240–2

PEAK EXPIRATORY FLOW RATE

Influence of relative humidity and repeated exercise on exercise-induced bronchoconstriction. Henriksen JM, et al. **Allergy** 1981 Oct;36(7):463–70

Pattern and time course of ventilation-perfusion inequality in exercise-induced asthma. Young IH, et al. **Am Rev Respir Dis** 1982 Mar;125(3):304–11

Pretreatment of exercise-induced asthma by fenoterol delivered as inhalation powder and pressurized aerosol. Bundgaard A, et al. **Ann Allergy** 1982 Jan;48(1):36–9

Effect of oral terbutaline on exercise-induced asthma. Sly RM, et al. **Ann Allergy** 1982 Mar;48(3):151–5

Respiratory mechanics in supine subjects during progressive partial curarization. Gal TJ, et al. **J Appl Physiol** 1982 Jan; 52(1):57–63

PELVIC BONES

[Acute pelvic osteomyelitis caused by Staphylococcus aureus in handball and soccer players] Hedström SA, et al. **Lakartidningen** 1981 Oct 7;78(41):3601–2 (Eng. Abstr.) (Swe)

PERIARTHRITIS

[Incidence of previous engagement in sports among patients with symptomatic arthrosis. Controlled study] Boyer T, et al. **Rev Rhum Mal Osteoartic** 1981 Dec;48(12):793–7 (Eng. Abstr.) (Fre)

PERIPHERAL NERVES

Motor organization of Tritonia swimming. I. Quantitative analysis of swim behavior and flexion neuron firing patterns. Hume RI, et al. **J Neurophysiol** 1982 Jan;47(1):60–74

PERONEAL NERVE

Impairment of motor recovery after late nerve suture: experimental study in the rabbit. Part I: functional and electromyographic findings. Richter HP. **Neurosurgery** 1982 Jan;10(1):70–4

PHONOCARDIOGRAPHY

Non-invasive assessment of changes in left ventricular relaxation by combined phono-, echo-, and mechanocardiography. Mattheos M, et al. **Br Heart J** 1982 Mar;47(3):253–60

[Apex cardiography in evaluating the subendocardiac blood flow and coronary reserve in a comparison with coronary radiography and bicycle ergometry data in ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1982 Jan;22(1):57–9 (Eng. Abstr.)(Rus)

PHYSICAL EDUCATION AND TRAINING

T wave changes associated with training in women swimmers. Lamont LS. **Am Correct Ther J** 1981 Nov–Dec;35(6):155–8

Exercise responses before and after physical conditioning in patients with severely depressed left ventricular function. Conn EH, et al. **Am J Cardiol** 1982 Feb 1;49(2):296–300

The effect of two years' training on aerobic power and muscle strength in male and female cadets. Daniels WL, et al. **Aviat Space Environ Med** 1982 Feb;53(2):117–21

Peroneus longus tenosynovitis. Folan JC. **Br J Sports Med** 1981 Dec;15(4):277–9

A thermophysiological rationale for endurance training for racquet activities. Hancock PA. **Br J Sports Med** 1981 Dec; 15(4):234–7

Plethysmography study and pulmonary function in well-trained adolescents. de Swiniarski R, et al. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):39–49

Cardio-respiratory fitness and muscular strength in the lower-limb disabled. Davis GM, et al. **Can J Appl Sport Sci** 1981 Dec; 6(4):159–65

Fitness and the physically disabled. A review. Emes CG. **Can J Appl Sport Sci** 1981 Dec;6(4):176–8 (23 ref.)

The use of the aerobic threshold as a basis for training. McLellan TM, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):197–201

Effectiveness of the I CAN physical education instructional system for handicapped individuals, K-12: a summary report. Wessel JA. **Can J Appl Sport Sci** 1981 Dec;6(4):168–75

Cardiorespiratory fitness and muscular strength of wheelchair users. Davis GM, et al. **Can Med Assoc J** 1981 Dec 15; 125(12):1317–23 (67 ref.)

Left ventricular function in trained and untrained healthy subjects. Bar-Shlomo BZ, et al. **Circulation** 1982 Mar;65(3):484–8

Exercise and sudden death–part I. McManus BM, et al. **Curr Probl Cardiol** 1981 Dec;6(9):1–89

Isokinetic strength, endurance, and fiber type composition in elite American paddlers. Clarkson PM, et al. **Eur J Applied Physiol** 1982;48(1):67–76

The delayed effects of prolonged physical exercise and physical training on cholesterol level. Dufaux B, et al. **Eur J Applied Physiol** 1982;48(1):25–9

A comparison of plasma cholesterol, triglycerides, and high density lipoprotein-cholesterol in speed skaters, weightlifters and non-athletes. Farrell PA, et al. **Eur J Applied Physiol** 1982; 48(1):77–82

Maximum isokinetic ankle plantar and dorsal flexion torques in trained subjects. Fugl-Meyer AR. **Eur J Applied Physiol** 1981; 47(4):393–404

Muscle ultrastructural characteristics of elite powerlifters and bodybuilders. MacDougall JD, et al. **Eur J Applied Physiol** 1982; 48(1):117–26

Chronic exercise and cardiac vascularization. Tharp GD, et al. **Eur J Applied Physiol** 1982;48(1):97–104

Norepinephrine mobilization of free fatty acids in endurance trained rats. Thibault MC, et al. **Eur J Applied Physiol** 1981; 47(4):313–22

Effect of peer presence on psychomotor measures with EMR children. Bowman RA, et al. **Except Child** 1982 Feb; 48(5):449–51

Comparative study of ultrastructure and function of the rat heart hypertrophied by exercise or hypoxia. Guski H, et al. **Exp Pathol** 1981;20(2):108–20

The effects of exercise on plasma insulin. Björntorp P. **Int J Sports Med** 1981 Aug;2(3):125–9

Effect of electrical stimulation on human skeletal muscle. Eriksson E, et al. **Int J Sports Med** 1981 Feb;2(1):18–22

Serum zinc in athletes in training. Haralambie G. **Int J Sports Med** 1981 Aug;2(3):135–8

Serum aldolase isoenzymes in athletes at rest and after long-lasting exercise. Haralambie G. **Int J Sports Med** 1981 Feb;2(1):31–6

Assessment of different forms of physical activity with respect to preventive and rehabilitative cardiology. Hollmann W, et al. **Int J Sports Med** 1981 May;2(2):67–80

Skeletal muscle and physiologic characteristics of a world champion masters distance runner: a case study. Houston ME, et al. **Int J Sports Med** 1981 Feb;2(1):47–9

Relationships between leg muscle fiber type distribution and leg exercise performance. Inbar O, et al. **Int J Sports Med** 1981 Aug;2(3):154–9

Plasma catecholamines in trained and untrained volunteers during graduated exercise. Lehmann M, et al. **Int J Sports Med** 1981 Aug;2(3):143–7

Onset of blood lactate accumulation and marathon running performance. Sjödin B, et al. **Int J Sports Med** 1981 Feb;2(1):23–6

Fluid shifts from myofibrillar to sarcoplasmic space in the myocardium of exhausted rats. Thomas DP, et al. **Int J Sports Med** 1981 Aug;2(3):171–7

Exercise for children with physical disabilities. Bernard B, et al. **Issues Compr Pediatr Nurs** 1981 Mar–Apr;5(2):99–107

Effect of physical training on exercise-induced sweating in women. Araki T, et al. **J Appl Physiol** 1981 Dec;51(6):1526–32

Training-induced alterations of the in vivo force-velocity relationship of human muscle. Caiozzo VJ, et al. **J Appl Physiol** 1981 Sep;51(3):750–4

Specificity of power improvements through slow and fast isokinetic training. Coyle EF, et al. **J Appl Physiol** 1981 Dec;51(6):1437–42

Skeletal muscle cytochrome c and myoglobin, endurance, and frequency of training. Hickson RC. **J Appl Physiol** 1981 Sep;51(3):746–9

Effect of physical training on coronary collateral circulation of the rat. Koerner JE, et al. **J Appl Physiol** 1982 Feb;52(2):376–87

Biological and haematological modifications after two years of physical activity in middle-aged men. Attinà DA, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):253–8

Percentage of maximal heart rate and distance running performance of highly trained athletes. Conley DL. **J Sports Med Phys Fitness** 1981 Sep;21(3):233–7

Physiological parameters measured one year after completion of a college aerobics course. Holland JC, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):265–70

The use of selected submaximal step tests in predicting change in the maximal oxygen intake of college women. Johnson J, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):259–64

The relationship between exercise intensity levels of two predictive heart rate equations and per cent maximal oxygen consumption. Paabo S, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):226–30

Selected fitness parameters of college female lacrosse players. Schmidt MN, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):282–90

The effects of aerobic dance conditioning on the body composition and maximal oxygen uptake of college women. Vaccaro P, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):291–4

What do we know about the effects of sports training on the menstrual cycle? Macvicar MG, et al. **MCN** 1982 Jan–Feb;7(1):55–8

Long-term Holter ECG monitoring of athletes. Hanne-Paparo N, et al. **Med Sci Sports Exerc** 1981;13(5):294–8

Cardiac dimensions and performance after either arm or leg endurance training. Thompson PD, et al. **Med Sci Sports Exerc** 1981;13(5):303–9

The effects of circuit weight training on VO2max and body composition of trained and untrained college men. Kimura Y, et al. **Nippon Seirigaku Zasshi** 1981;43(12):593–6

A study concerning adaptability in overweight puberal children. Petroiu A, et al. **Physiologie** 1982 Jan–Mar;19(1):35–9

Body composition in adolescence. Forbes GB. **Prog Clin Biol Res** 1981;61:55–72 (32 ref.)

Erythrocyte changes during training in high school women cross-country runners. Puhl JL, et al. **Res Q Exerc Sport** 1981 Dec;52(4):484–94

Pulmonary diffusing capacity and physical working capacity in swimmers and non-swimmers during growth. Yost LJ, et al. **Respiration** 1981;42(1):8–14

[Contraindications to participation in school physical education classes and placement into special physical education classes from the viewpoint of hematologic diseases] Hrodek O. **Cesk Pediatr** 1981 Dec;36(12):721–5 (Eng. Abstr.) **(Cze)**

[School physical education classes for children with endocrine diseases] Kopecký A. **Cesk Pediatr** 1981 Dec;36(12):725–6 (Eng. Abstr.) **(Cze)**

[Accidents related to physical education in school: epidemiologic and preventive approach] Jeanneret O, et al. **Soz Praventivmed** 1981 Dec;26(6):377–83 (Eng. Abstr.) **(Fre)**

[Ergometry in childhood. Normal values and use in paediatric cardiology (author's transl)] Mocellin R. **Herz** 1982 Feb;7(1):42–9 (28 ref.) (Eng. Abstr.) **(Ger)**

[Standardization of the agar gel diffusion method of determining the activity of lysozyme] Fedortsov KK, et al. **Lab Delo** 1981;(12):735–6 (Eng. Abstr.) **(Rus)**

[Combined rehabilitative and therapeutic measures in space medicine] Krupina TN, et al. **Sov Med** 1981;(12):3–8 (Eng. Abstr.) **(Rus)**

PHYSICAL ENDURANCE

Lactate, muscle glycogen and exercise performance in man. Jacobs I. **Acta Physiol Scand [Suppl]** 1981;495:1–35

T wave changes associated with training in women swimmers. Lamont LS. **Am Correct Ther J** 1981 Nov–Dec;35(6):155–8

A thermophysiological rationale for endurance training for racquet activities. Hancock PA. **Br J Sports Med** 1981 Dec;15(4):234–7

Cyclic variations in perceived exertion and physical work capacity in females. Higgs SL, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):191–6

Isokinetic strength, endurance, and fiber type composition in elite American paddlers. Clarkson PM, et al. **Eur J Applied Physiol** 1982;48(1):67–76

The delayed effects of prolonged physical exercise and physical training on cholesterol level. Dufaux B, et al. **Eur J Applied Physiol** 1982;48(1):25–9

Effect of sleep deprivation on tolerance of prolonged exercise. Martin BJ. **Eur J Applied Physiol** 1981;47(4):345–54

Norepinephrine mobilization of free fatty acids in endurance trained rats. Thibault MC, et al. **Eur J Applied Physiol** 1981;47(4):313–22

Hematological changes following a marathon race in male and female runners. Wells CL, et al. **Eur J Applied Physiol** 1982;48(1):41–9

Adult age trends in athletic performances. Stones MJ, et al. **Exp Aging Res** 1981 Fall;7(3):269–80

HDL-cholesterol (HDL-C) changes during and after intensive long-lasting exercise. Berg A, et al. **Int J Sports Med** 1981 May;2(2):121–3

Physiologic response to endurance work as a function of prior exercise. Gutin B, et al. **Int J Sports Med** 1981 May;2(2):87–91

Relationships between leg muscle fiber type distribution and leg exercise performance. Inbar O, et al. **Int J Sports Med** 1981 Aug;2(3):154–9

Effects of beta-adrenergic blockade on endurance and short-time performance in respect to individual muscle fiber composition. Kaiser P, et al. **Int J Sports Med** 1981 Feb;2(1):37–42

Muscle metabolism, lactate breaking point, and biomechanical features of endurance running. Komi PV, et al. **Int J Sports Med** 1981 Aug;2(3):148–53

Onset of blood lactate accumulation and marathon running performance. Sjödin B, et al. **Int J Sports Med** 1981 Feb;2(1):23–6

Effects of treadmill running on oxidative capacity of regenerated skeletal muscle. Van Handel PJ, et al. **Int J Sports Med** 1981 May;2(2):92–6

Skeletal muscle cytochrome c and myoglobin, endurance, and frequency of training. Hickson RC. **J Appl Physiol** 1981 Sep;51(3):746–9

Percentage of maximal heart rate and distance running performance of highly trained athletes. Conley DL. **J Sports Med Phys Fitness** 1981 Sep;21(3):233–7

A high incidence of urolithiasis in male marathon runners. Milvy P, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):295–8

The relationship between exercise intensity levels of two predictive heart rate equations and per cent maximal oxygen consumption. Paabo S, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):226–30

The interaction of endurance running and ethanol on skeletal muscle mitochondria. Farrar RP, et al. **Life Sci** 1982 Jan 4;30(1):67–75

Exercise performance in marathon runners with airway obstruction. Mahler DA, et al. **Med Sci Sports Exerc** 1981;13(5):284–9

Cardiac dimensions and performance after either arm or leg endurance training. Thompson PD, et al. **Med Sci Sports Exerc** 1981;13(5):303–9

Hypoglycemia during prolonged exercise in normal men. Felig P, et al. **N Engl J Med** 1982 Apr 15;306(15):895–900

Improved cardiopulmonary status after a two-month program of graded arm exercise in a patient with C6 quadriplegia. A case report. DiCarlo SE. **Phys Ther** 1982 Apr;62(4):456–9

Pulmonary diffusing capacity and physical working capacity in swimmers and non-swimmers during growth. Yost LJ, et al. **Respiration** 1981;42(1):8–14

[Physical activity in childhood] Máček M. **Cesk Pediatr** 1981 Dec;36(12):716–8 (Eng. Abstr.) **(Cze)**

[Use of the treadmill maximum exercise test in school children]

PHYSICAL FITNESS/SPORTS MEDICINE

PHYSICAL ENDURANCE

Dobo SS, et al. **Ter Arkh** 1981;53(12):37–40 (Eng. Abstr.) (Rus)

PHYSICAL EXAMINATION

Long-term results after early treatment of knee injuries. Lysholm J, et al. **Acta Orthop Scand** 1982 Feb;53(1):109–18

PHYSICAL FITNESS

Plasma high density lipoproteins HDL2, HDL3 and postheparin plasma lipases in relation to parameters of physical fitness. Kuusi T, et al. **Atherosclerosis** 1982 Feb;41(2–3):209–19

The effect of two years' training on aerobic power and muscle strength in male and female cadets. Daniels WL, et al. **Aviat Space Environ Med** 1982 Feb;53(2):117–21

Spirometric predicted values for teenage boys: relation to body composition and exercise performance. Palka MJ. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):59–64

Methodology devised for a program to improve efficiency and reduce risks for wheelchair locomotion. Glaser RM, et al. **Bull Prosthet Res** 1981 Spring;18(1):63–8

Cardio-respiratory fitness and muscular strength in the lower-limb disabled. Davis GM, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):159–65

Fitness and the physically disabled. A review. Emes CG. **Can J Appl Sport Sci** 1981 Dec;6(4):176–8 (23 ref.)

The use of the aerobic threshold as a basis for training. McLellan TM, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):197–201

Cardiorespiratory fitness and muscular strength of wheelchair users. Davis GM, et al. **Can Med Assoc J** 1981 Dec 15;125(12):1317–23 (67 ref.)

Attenuation of exercise conditioning by beta-adrenergic blockade. Sable DL, et al. **Circulation** 1982 Apr;65(4):679–84

Reversal of exercise-induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. Sarma RJ, et al. **Circulation** 1982 Apr;65(4):684–9

INfluence of an employee fitness programme upon fitness, productivity and absenteeism. Cox M, et al. **Ergonomics** 1981 Oct;24(10):795–806

Teaching ideas: cardiovascular health. An elementary fitness program that works. Davis RG. **Health Educ (Wash)** 1982 Jan–Feb;13(1):54

Health education for corporations: efforts toward a professional preparation program. Golaszewski T. **Health Educ (Wash)** 1981 Nov–Dec;12(6):4–6

Individual assessment procedures for multihandicapped and implementation of a sports program. Bergel RR. **Int J Rehabil Res** 1981;4(3):365–78

Serum aldolase isoenzymes in athletes at rest and after long-lasting exercise. Haralambie G. **Int J Sports Med** 1981 Feb;2(1):31–6

Orthostatic fluid-electrolyte and endocrine responses in fainters and nonfainters. Shvartz E, et al. **J Appl Physiol** 1981 Dec;51(6):1404–10

Evidence for mild thyroidal impairment in women undergoing endurance training. Boyden TW, et al. **J Clin Endocrinol Metab** 1982 Jan;54(1):53–6

Nutritional status of Papua New Guinea highlanders. Okuda T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1981;27(4):319–31

Influence of initial aerobic fitness, aerobic training and changes in aerobic fitness on personality functioning. Jasnoski ML, et al. **J Psychosom Res** 1981;25(6):553–6

Physiological parameters measured one year after completion of a college aerobics course. Holland JC, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):265–70

The relationship between exercise intensity levels of two predictive heart rate equations and per cent maximal oxygen consumption. Paabo S, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):226–30

Selected fitness parameters of college female lacrosse players. Schmidt MN, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):282–90

Sleep after exercise: a literature review. Torsvall L. **J Sports Med Phys Fitness** 1981 Sep;21(3):218–25 (47 ref.)

Firefighters' reaction to alarm, an ECG and heart rate study. Kuorinka I, et al. **JOM** 1981 Nov;23(11):762–6

Physical fitness in the elderly. Tichy MW, et al. **Med Instrum** 1982 Jan–Feb;16(1):20–1

Heart rate response to bicycle ergometer exercise in children ages 6–7 years. Pels AE 3d, et al. **Med Sci Sports Exerc** 1981;13(5):299–302

Rugby injury survey 1979. Inglis GS, et al. **NZ Med J** 1981 Nov 11;94(695):349–50

Health education [letter] Leslie PN. **NZ Med J** 1981 Dec 23;94(698):468

Aerobic fitness: how do hospital personnel measure up? Yiassemides E. **Occup Health Nurs** 1982 Mar;30(3):24–8

Rehabilitation of the cardiac patient. Program phases and rationale. Winslow EB. **Postgrad Med** 1982 Feb;71(2):114–9, 122–7

Physical fitness, exercise, and REM sleep cycle length. Trinder J, et al. **Psychophysiology** 1982 Jan;19(1):89–93

Sex and athletic status as factors in reaction latency and movement time. Yandell KM, et al. **Res Q Exerc Sport** 1981 Dec;52(4):495–504

Previous job and health at the age of 70. Roupe S, et al. **Scand J Soc Med** 1981;9(1):25–31

Physical fitness programs for industry – an extravagance or a wise investment? Bowne DW. **Trans Assoc Life Insur Med Dir Am** 1980;64:210–25

[Physical fitness among the industrial population of middle-aged men with risk factors of ischaemic heart disease (author's transl)] Simon J, et al. **Cas Lek Cesk** 1981 Nov 19;120(46):1398–1401 (Eng. Abstr.) (Cze)

[Intensive physical training and its effect on the urine excretion of catecholamines and 17-OH corticoids during aerobic exercise on an ergometer (author's transl)] Veselková A, et al. **Cas Lek Cesk** 1982 Jan 22;121(3):71–3 (Eng. Abstr.) (Cze)

[Physical activity in childhood] Máček M. **Cesk Pediatr** 1981 Dec;36(12):716–8 (Eng. Abstr.) (Cze)

[Physical fitness in diabetic adolescents (author's transl)] Baran D, et al. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):51–8 (Eng. Abstr.) (Fre)

[Use of physical fitness for indirect appreciation of age in dialysed patients (author's transl)] Havel V, et al. **ZFA (Dresden)** 1981;36(6):537–42 (Eng. Abstr.) (Ger)

[The evaluation of relationship between the occupational physical activity and the selected risk factors of coronary disease (author's transl)] Kupść W, et al. **Przegl Lek** 1981;38(11):805–8 (Eng. Abstr.) (Pol)

[Comparative cycloergometric study of the conventional method and a manual technic, in different occupational groups] Nobre F, et al. **Arq Bras Cardiol** 1981 May;36(5):329–32 (Eng. Abstr.) (Por)

PLETHYSMOGRAPHY, WHOLE BODY

Plethysmography study and pulmonary function in well-trained adolescents. de Swiniarski R, et al. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):39–49

[Incidence of exercise induced asthma (EIA) in children (author's transl)] Hofmann D, et al. **Monatsschr Kinderheilkd** 1982 Feb;130(2):91–5 (Eng. Abstr.) (Ger)

POLARCARDIOGRAPHY

Polarcardiographic (triaxicardiometric) study on the effect of isosorbide dinitrate on exercise-induced myocardial ischemia. Antalóczy Z, et al. **Cardiology** 1981;68 Suppl 2:147–52

PROPRANOLOL

Effect of timolol on platelet aggregation in coronary heart disease. Thaulow E, et al. **Acta Med Scand [Suppl]** 1981;651:101–9

Differences between alpha-adrenergic and beta-adrenergic inotropic effects in rat heart papillary muscles. Skomedal T, et al. **Acta Pharmacol Toxicol (Copenh)** 1982 Jan;50(1):1–12

Clinical relevance of intrinsic sympathomimetic activity of beta blockers. Kostis JB, et al. **Angiology** 1981 Nov;32(11):780–7 (10 ref.)

Comparison of antianginal efficacy of one conventional and three long acting beta-adrenoreceptor blocking agents in stable angina pectoris. Jones GR, et al. **Br Heart J** 1981 Nov;46(5):503–7

Interrelation of heart rate and autonomic activity in asymptomatic men with unobstructed coronary arteries. Studies with atrial pacing, adrenaline infusion, and autonomic blockade. Taggart P, et al. **Br Heart J** 1982 Jan;47(1):19–25

Predictive value of symptom-limited exercise for risk assessment of primary and secondary events due to coronary heart disease in men. Bruce RA, et al. **Cardiology** 1981;68 Suppl 2:15–26

Evaluation of antianginal drug treatment by precordial exercise electrocardiography. Cokkinos DV, et al. **Cardiology** 1981;68 Suppl 2:141-6

Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. Deanfield J, et al. **Cardiology** 1981;68 Suppl 2:186–9

Evaluation of effect of drugs on the exercise ECG. Sanchez-Cascos A. **Cardiology** 1981;68 Suppl 2:190–4

The effects of drugs on the exercise electrocardiogram. Simoons ML, et al. **Cardiology** 1981;68 Suppl 2:124–32

Attenuation of exercise conditioning by beta-adrenergic blockade. Sable DL, et al. **Circulation** 1982 Apr;65(4):679–84

Reversal of exercise-induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. Sarma RJ, et al. **Circulation** 1982 Apr;65(4):684–9

Autonomic control of the immediate heart rate response to lying down. Bellavere F, et al. **Clin Sci** 1982 Jan;62(1):57–64

Response of blood pressure and plasma norepinephrine to propranolol, metoprolol and clonidine during isometric and dynamic exercise in hypertensive patients. Virtanen K, et al. **Eur J Clin Pharmacol** 1982;21(4):275–9

Effects of beta-adrenergic blockade on endurance and short-time performance in respect to individual muscle fiber composition. Kaiser P, et al. **Int J Sports Med** 1981 Feb;2(1):37–42

Glucose, glucagon, and insulin during adrenergic blockade in exercising sheep. Brockman RP, et al. **J Appl Physiol** 1982 Feb; 52(2):315–9

Denervated and intact kidney responses to exercise in the dog. Sadowski J, et al. **J Appl Physiol** 1981 Dec;51(6):1618–24

Vagal and sympathetic contributions to the heart rate at rest and during isometric and dynamic exercise in young healthy men. Nyberg G. **J Cardiovasc Pharmacol** 1981 Nov–Dec; 3(6):1243–50

Electrocardiographic and metabolic investigations concerning the exhaustive exercise under conditions of adrenergic blocking in rats. Schneider F, et al. **Physiologie** 1982 Jan–Mar;19(1):31–3

[Hemodynamic responses to supine bicycle exercise in juvenile hypertensive subjects: an echocardiographic assessment (author's transl)] Imataka K, et al. **J Cardiogr** 1981 Jun;11(2):449–56 (Eng. Abstr.) **(Jpn)**

[Behavior of the blood pressure curve during the ergometric stress test, in treated and non-treated hypertensive patients] Carrasco RM, et al. **Arq Bras Cardiol** 1981 Mar;36 Suppl 1:24–32 (Eng. Abstr.) **(Por)**

PSYCHOTROPIC DRUGS

[Drugs and addictive behavior. Possibilities of sport therapy] Glatthaar GW. **MMW** 1982 Feb 19;124(7):143–7 (Eng. Abstr.) **(Ger)**

PULMONARY DIFFUSING CAPACITY

Pulmonary diffusion capacities for O2 and CO measured by a rebreathing technique. Meyer M, et al. **J Appl Physiol** 1981 Dec; 51(6):1643–50

Pulmonary diffusing capacity and physical working capacity in swimmers and non-swimmers during growth. Yost LJ, et al. **Respiration** 1981;42(1):8–14

PULMONARY WEDGE PRESSURE

Divergent effects of diltiazem in patients with exertional angina. Hossack KF, et al. **Am J Cardiol** 1982 Feb 18;49(3):538–46

PULSE

Radionuclide angiographic exercise left ventricular performance in chronic aortic regurgitation: relationship to resting echographic ventricular dimensions and systolic wall stress index. Lewis SM, et al. **Am Heart J** 1982 Apr;103(4 Pt 1):498–504

Effect of oral terbutaline on exercise-induced asthma. Sly RM, et al. **Ann Allergy** 1982 Mar;48(3):151–5

Failure of anti-hypertensive drugs to control blood pressure rise with isometric exercise in hypertension. O'Hare JA, et al. **Postgrad Med J** 1981 Sep;57(671):552–5

[Apex cardiography in evaluating the subendocardiac blood flow and coronary reserve in a comparison with coronary radiography and bicycle ergometry data in ischemic heart disease] Furkalo NK, et al. **Kardiologiia** 1982 Jan;22(1):57–9 (Eng. Abstr.)**(Rus)**

PURKINJE FIBERS

Inotropic and electrophysiologic effects of amrinone in untreated and digitalized ventricular tissues. Rosenthal JE, et al. **J Pharmacol Exp Ther** 1982 Apr;221(1):188–96

RADIAL NERVE

Facilitation of monosynaptic reflexes by voluntary contraction of muscle in remote parts of the body. Mechanisms involved in the Jendrassik Manoeuvre. Delwaide PJ, et al. **Brain** 1981 Dec; 104(Pt 4):701–9

RADIUS FRACTURES

Stress fractures of the distal radius in adolescent gymnasts. Read MT. **Br J Sports Med** 1981 Dec;15(4):272–6

REGIONAL BLOOD FLOW

Adenosine and free-flow functional hyperemia in striated muscle. Proctor KG, et al. **Am J Physiol** 1982 Apr;242(4):H688–97

Post-competition blood lactate concentrations in competitive track cyclists. Burke ER, et al. **Br J Sports Med** 1981 Dec; 15(4):242–5

Assessment of cadmium telluride detector system for measurement of muscle blood flow during dynamic exercise in man. Smith RS, et al. **Cardiovasc Res** 1981 Dec;15(12):731–4

Energetic patterns of normally circulated mammalian muscle in situ. Stainsby WN. **Fed Proc** 1982 Feb;41(2):185–8

Lactate and glucose exchange across the forearm, legs, and splanchnic bed during and after prolonged leg exercise. Ahlborg G, et al. **J Clin Invest** 1982 Jan;69(1):45–54

Leucine meal increases glutamine and total nitrogen release from forearm muscle. Aoki TT, et al. **J Clin Invest** 1981 Dec; 68(6):1522–8

Synergistic interaction between exercise and insulin on peripheral glucose uptake. DeFronzo RA, et al. **J Clin Invest** 1981 Dec; 68(6):1468–74

Circulatory effects in healthy young men of atrial pacing at rest and during isometric handgrip. Bergenwald L, et al. **J Physiol (Lond)** 1981 Sep;318:445–53

Modulation of the action of insulin in relation to the energy state in skeletal muscle tissue: possible involvement of kinins and prostaglandins. Dietze GJ. **Mol Cell Endocrinol** 1982 Feb; 25(2):127–49 (203 ref.)

Accelerated respiratory response to moderate exercise in late pregnancy. Edwards MJ, et al. **Respir Physiol** 1981 Sep; 45(3):229–41

RESIDUAL VOLUME

The effect of an acute bout of exercise on selected pulmonary function measurements. Buono MJ, et al. **Med Sci Sports Exerc** 1981;13(5):290–3

RESPIRATION

Treatment of obese schoolchildren with special reference to the mode of therapy, cardiorespiratory performance and the carbohydrate and lipid metabolism. Ylitalo V. **Acta Paediatr Scand [Suppl]** 1981;290:1–108

Pathogenesis of respiratory insufficiency in myotonic dystrophy: the mechanical factors. Bégin R, et al. **Am Rev Respir Dis** 1982 Mar;125(3):312–8

Respiratory resistance of the oral airway. Cole P, et al. **Am Rev Respir Dis** 1982 Mar;125(3):363–5

Use of ball insentive inspirometer in post-operative respiratory care. Clinical trial. Hasan SS, et al. **Br J Clin Pract** 1981 Sep; 35(9):302–5

Exercise and distribution of inspired gas in patients with obstructive pulmonary disease. Cutillo A, et al. **Bull Eur Physiopathol Respir** 1981 Nov–Dec;17(6):891–901

Reflexes concerned in the defence of the lungs. Richardson PS, et al. **Bull Eur Physiopathol Respir** 1981 Nov–Dec; 17(6):979–1012 (199 ref.)

Effect of nasal and oral breathing on exercise-induced asthma. Mangla PK, et al. **Clin Allergy** 1981 Sep;11(5):433–9

Effect of vagotomy on the breathing pattern and exercise ability in emphysematous patients. Bradley GW, et al. **Clin Sci** 1982 Mar;62(3):311–9

Nutrition and the respiratory system. Askanazi J, et al. **Crit Care Med** 1982 Mar;10(3):163–72 (124 ref.)

Functional state of the cardiovascular system, ventilation, and gas exchange during standard physical work in different age periods. Ivanov LA. **Hum Physiol** 1981 Mar–Apr;7(2):99–103

Nasal respiration and physical effort in children. Betlejewski S, et al. **Int J Pediatr Otorhinolaryngol** 1981 Dec;3(4):295–301

Exercise for children with physical disabilities. Bernard B, et al. **Issues Compr Pediatr Nurs** 1981 Mar–Apr;5(2):99–107

Respiratory mechanics in supine subjects during progressive partial curarization. Gal TJ, et al. **J Appl Physiol** 1982 Jan; 52(1):57–63

Ventilatory responses at rest and during exercise in marathon runners. Mahler DA, et al. **J Appl Physiol** 1982 Feb; 52(2):388–92

Estimation of cardiac output by electrical impedance during arm exercise in women. Miles DS, et al. **J Appl Physiol** 1981 Dec; 51(6):1488–92

A respiratory mask for resting and exercising dogs. Stavert DM, et al. **J Appl Physiol** 1982 Feb;52(2):500–4

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep; 51(3):557–64

Cardiac output increase and gas exchange at start of exercise. Weissman ML, et al. **J Appl Physiol** 1982 Jan;52(1):236–44

Impaired cardiac 'acceleration' at the onset of exercise in patients with coronary disease. Zimmerman P, et al. **J Appl Physiol** 1982 Jan;52(1):71–8

Lactate and glucose exchange across the forearm, legs, and splanchnic bed during and after prolonged leg exercise. Ahlborg G, et al. **J Clin Invest** 1982 Jan;69(1):45–54

Load compensating responses of human abdominal muscles. Lansing RW, et al. **J Physiol (Lond)** 1981 Nov;320:253–68

The effects of two breathing patterns on selected physiological parameters during a 200-yard simulated freestyle swim in male swimmers. Bell GH. **J Sports Med Phys Fitness** 1981 Sep; 21(3):271–8

Exercise performance in marathon runners with airway obstruction. Mahler DA, et al. **Med Sci Sports Exerc** 1981; 13(5):284–9

PHYSICAL FITNESS/SPORTS MEDICINE

RESPIRATION

The limitation of exercise ventilation during speech. Doust JH, et al. **Respir Physiol** 1981 Nov;46(2):137–47

Accelerated respiratory response to moderate exercise in late pregnancy. Edwards MJ, et al. **Respir Physiol** 1981 Sep; 45(3):229–41

Influence of diet on CO2 production and ventilation in constant–load exercise. Hughson RL, et al. **Respir Physiol** 1981 Nov;46(2):149–60

Control of ventilation during graded exercise in the dog. Szlyk PC, et al. **Respir Physiol** 1981 Dec;46(3):345–65

Apnoeic diving safety – experimental approaches to oxygen augmentation. Smit PJ, et al. **S Afr Med J** 1981 Dec 19; 60(25):959–64

Effects of CO2 insensitivity and respiratory pattern on respiration in divers. Morrison JB, et al. **Undersea Biomed Res** 1981 Dec; 8(4):209–17

[Comparison of the results of spiroergometry and coronarography in angina pectoris after myocardial infarction] Barták K, et al. **Cas Lek Cesk** 1981 Nov 19;120(46):1401–7 (Eng. Abstr.) (Cze)

[Exercise–induced bronchospasm and the respiratory response to exercise] Feitová S, et al. **Vnitr Lek** 1981 Dec;27(12):1202–8 (Eng. Abstr.) (Cze)

[Exercise–induced asthma] Bundgaard A, et al. **Ugeskr Laeger** 1981 Oct 26;143(44):2869–71 (Eng. Abstr.) (Dan)

[The role of physical capacity as an index of the level of basic physiological parameters during physical work (author's transl)] Makowiec–Dąbrowska T. **Przegl Lek** 1981;38(9):689–91 (Eng. Abstr.) (Pol)

[Features of exertional hypoxia] Filippov MM. **Fiziol Zh** 1981 Nov–Dec;27(6):753–7 (Eng. Abstr.) (Rus)

[Hemodynamics and external respiration in bronchial asthma patients at rest and under physical load] Orlov LL, et al. **Sov Med** 1982;(1):19–24 (Eng. Abstr.) (Rus)

RESPIRATORY AIRFLOW

Nasal respiration and physical effort in children. Betlejewski S, et al. **Int J Pediatr Otorhinolaryngol** 1981 Dec;3(4):295–301

Effects of positive end–expiratory pressure breathing on exercise–induced asthma. Wilson BA, et al. **Int J Sports Med** 1981 Feb;2(1):27–30

The effects of circuit weight training on VO2max and body composition of trained and untrained college men. Kimura Y, et al. **Nippon Seirigaku Zasshi** 1981;43(12):593–6

Effects of ozone exposure on lung function in man: a review. Folinsbee LJ. **Rev Environ Health** 1981;3(3):211–40

RESPIRATORY FUNCTION TESTS

Pathogenesis of respiratory insufficiency in myotonic dystrophy: the mechanical factors. Bégin R, et al. **Am Rev Respir Dis** 1982 Mar;125(3):312–8

Exercise and distribution of inspired gas in patients with obstructive pulmonary disease. Cutillo A, et al. **Bull Eur Physiopathol Respir** 1981 Nov–Dec;17(6):891–901

Methodology devised for a program to improve efficiency and reduce risks for wheelchair locomotion. Glaser RM, et al. **Bull Prosthet Res** 1981 Spring;18(1):63–8

Exercise and oxygen inhalation in relation to prognosis of chronic obstructive pulmonary disease. Kawakami Y, et al. **Chest** 1982 Feb;81(2):182–8

Effect of vagotomy on the breathing pattern and exercise ability in emphysematous patients. Bradley GW, et al. **Clin Sci** 1982 Mar;62(3):311–9

Exercise performance in marathon runners with airway obstruction. Mahler DA, et al. **Med Sci Sports Exerc** 1981; 13(5):284–9

A calcium antagonist, nifedipine, modifies exercise–induced asthma. Barnes PJ, et al. **Thorax** 1981 Oct;36(10):726–30

Reproducibility of flow rates measured with low density gas mixtures in exercise–induced bronchospasm. Spiro SG, et al. **Thorax** 1981 Nov;36(11):852–7

[Exercise–induced bronchospasm and the respiratory response to exercise] Feitová S, et al. **Vnitr Lek** 1981 Dec;27(12):1202–8 (Eng. Abstr.) (Cze)

REST

Verapamil in stable effort angina: effects on left ventricular function evaluated with exercise radionuclide ventriculography. Tan AT, et al. **Am J Cardiol** 1982 Feb 1;49(2):425–30

The behavior of the Nicoladoni–Branham sign at rest and under effort. Longo T, et al. **Angiology** 1981 Nov;32(11):797–803

Relationship of resting ejection fraction and extent of coronary arterial disease with changes of QRS amplitude during exercise stress testing. Moreyra AE, et al. **Angiology** 1981 Nov; 32(11):788–96

Continuous and intermittent running in the provocation of asthma. Morton AR, et al. **Ann Allergy** 1982 Feb;48(2):123–9

Response of blood pressure and plasma norepinephrine to propranolol, metoprolol and clonidine during isometric and dynamic exercise in hypertensive patients. Virtanen K, et al. **Eur J Clin Pharmacol** 1982;21(4):275–9

Comparative echocardiographic examinations in sitting and supine position at rest and during dynamic exercise. Dickhuth HH, et al. **Int J Sports Med** 1981 Aug;2(3):178–81

Serum aldolase isoenzymes in athletes at rest and after long–lasting exercise. Haralambie G. **Int J Sports Med** 1981 Feb;2(1):31–6

Ventilatory responses at rest and during exercise in marathon runners. Mahler DA, et al. **J Appl Physiol** 1982 Feb; 52(2):388–92

A respiratory mask for resting and exercising dogs. Stavert DM, et al. **J Appl Physiol** 1982 Feb;52(2):500–4

Impaired cardiac 'acceleration' at the onset of exercise in patients with coronary disease. Zimmerman P, et al. **J Appl Physiol** 1982 Jan;52(1):71–8

Vagal and sympathetic contributions to the heart rate at rest and during isometric and dynamic exercise in young healthy men. Nyberg G. **J Cardiovasc Pharmacol** 1981 Nov–Dec; 3(6):1243–50

Urinary C–peptide: an indicator of beta–cell secretion under different metabolic conditions. Blix PM, et al. **J Clin Endocrinol Metab** 1982 Mar;54(3):574–80

Increased regional myocardial perfusion after intracoronary papaverine in patients after coronary artery bypass grafting. Goldman S, et al. **J Thorac Cardiovasc Surg** 1982 Apr; 83(4):563–8

Comparison of blood lipids, lipoproteins, anthropometric measures, and resting and exercise cardiovascular responses in children, 6—7 years old. Gilliam TB, et al. **Prev Med** 1981 Nov; 10(6):754–64

[Echocardiographic study of left ventricular performance during sitting bicycle exercise (author's transl)] Corallo S, et al. **G Ital Cardiol** 1981;11(8):1072–82 (Eng. Abstr.) (Ita)

[Functional state of the human spinal cord segmental apparatus during local work after a brief rest] Kuchma VR. **Gig Tr Prof Zabol** 1981;(12):35–9 (Eng. Abstr.) (Rus)

[Oxygen metabolic characteristics in chronic ischemic heart disease under physical loading] Malchuk EIu. **Sov Med** 1982;(1):7–10 (Eng. Abstr.) (Rus)

[Hemodynamics and external respiration in bronchial asthma patients at rest and under physical load] Orlov LL, et al. **Sov Med** 1982;(1):19–24 (Eng. Abstr.) (Rus)

RIBS

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep; 51(3):557–64

RUNNING

Fetal heart rate reactivity before and after maternal jogging during the third trimester. Hauth JC, et al. **Am J Obstet Gynecol** 1982 Mar 1;142(5):545–7

Continuous and intermittent running in the provocation of asthma. Morton AR, et al. **Ann Allergy** 1982 Feb;48(2):123–9

Spontaneous exercise testing: running as an early unmasker of underlying cardiac amyloidosis. Siegel RJ, et al. **Arch Intern Med** 1982 Feb;142(2):345

Peroneus longus tenosynovitis. Folan JC. **Br J Sports Med** 1981 Dec;15(4):277–9

Jogger's blockade [editorial] Breckenridge A. **Br Med J [Clin Res]** 1982 Feb 20;284(6315):532–3

The jogger's aneurysm: unusual presentation of popliteal artery trauma. Lundell C, et al. **Cardiovasc Intervent Radiol** 1981; 4(4):239–41

Changes of dipeptidyl aminopeptidase activities in mouse skeletal muscle following prolonged running. Salminen A, et al. **Comp Biochem Physiol [B]** 1982;71B(1):23–7

Mechanical energy output and joint movements in sprint running. Fukunaga T, et al. **Ergonomics** 1981 Oct;24(10):765–72

The delayed effects of prolonged physical exercise and physical training on cholesterol level. Dufaux B, et al. **Eur J Applied Physiol** 1982;48(1):25–9

TSH, T3, rT3 and fT4 in maximal and submaximal physical exercise. Schmid P, et al. **Eur J Applied Physiol** 1982; 48(1):31–9

Hematological changes following a marathon race in male and female runners. Wells CL, et al. **Eur J Applied Physiol** 1982; 48(1):41–9

A field–portable racetrack and timer for measuring acceleration and speed of small cursorial animals. Huey RB, et al. **Experientia** 1981 Dec 15;37(12):1356–7

HDL–cholesterol (HDL–C) changes during and after intensive long–lasting exercise. Berg A, et al. **Int J Sports Med** 1981 May; 2(2):121–3

Serum ferritin, transferrin, haptoglobin, and iron in middle– and long–distance runners, elite rowers, and professional racing cyclists. Dufaux B, et al. **Int J Sports Med** 1981 Feb;

2(1):43–6

Skeletal muscle and physiologic characteristics of a world champion masters distance runner: a case study. Houston ME, et al. **Int J Sports Med** 1981 Feb;2(1):47–9

Relationships between leg muscle fiber type distribution and leg exercise performance. Inbar O, et al. **Int J Sports Med** 1981 Aug;2(3):154–9

Muscle metabolism, lactate breaking point, and biomechanical features of endurance running. Komi PV, et al. **Int J Sports Med** 1981 Aug;2(3):148–53

Effect of exercise–diet manipulation on muscle glycogen and its subsequent utilization during performance. Sherman WM, et al. **Int J Sports Med** 1981 May;2(2):114–8

Onset of blood lactate accumulation and marathon running performance. Sjödin B, et al. **Int J Sports Med** 1981 Feb;2(1):23–6

Onset of blood lactate accumulation and enzyme activities in m. vastus lateralis in man. Sjödin B, et al. **Int J Sports Med** 1981 Aug;2(3):166–70

Effects of treadmill running on oxidative capacity of regenerated skeletal muscle. Van Handel PJ, et al. **Int J Sports Med** 1981 May;2(2):92–6

Carbon monoxide levels in athletes during exercise in an urban environment. Honigman B, et al. **J Air Pollut Control Assoc** 1982 Jan;32(1):77–9

Increased excretion of urea and N tau –methylhistidine by rats and humans after a bout of exercise. Dohm GL, et al. **J Appl Physiol** 1982 Jan;52(1):27–33

Erythrocyte indices during a competitive marathon. Kolka MA, et al. **J Appl Physiol** 1982 Jan;52(1):168–72

Ventilatory responses at rest and during exercise in marathon runners. Mahler DA, et al. **J Appl Physiol** 1982 Feb;52(2):388–92

Thrombosis of the popliteal artery in a jogger. A case report. Madigan RR, et al. **J Bone Joint Surg [Am]** 1981 Dec;63–A(9):1490–2

Functional differentiation within the tensor fasciae latae. A telemetered electromyographic analysis of its locomotor roles. Paré EB, et al. **J Bone Joint Surg [Am]** 1981 Dec;63–A(9):1457–71

Prolactin responses, menstrual cycles, and body composition of women runners. Boyden TW, et al. **J Clin Endocrinol Metab** 1982 Apr;54(4):711–4

Subacute anterior tibial compartment syndrome. Stefl DJ, et al. **J Foot Surg** 1981 Winter;20(4):258–61

Percentage of maximal heart rate and distance running performance of highly trained athletes. Conley DL. **J Sports Med Phys Fitness** 1981 Sep;21(3):233–7

A high incidence of urolithiasis in male marathon runners. Milvy P, et al. **J Sports Med Phys Fitness** 1981 Sep;21(3):295–8

Stress fractures in runners. Daffner RH, et al. **JAMA** 1982 Feb 19;247(7):1039–41

High–density lipoprotein–cholesterol in marathon runners during a 20–day road race. Dressendorfer RH, et al. **JAMA** 1982 Mar 26;247(12):1715–7

Food allergy in runners [letter] Noakes TD. **JAMA** 1982 Mar 12;247(10):1406

Comparison of nutrient intake in middle–aged men and women runners and controls. Blair SN, et al. **Med Sci Sports Exerc** 1981;13(5):310–5

Exercise performance in marathon runners with airway obstruction. Mahler DA, et al. **Med Sci Sports Exerc** 1981;13(5):284–9

A kinetic analysis of sprinting. Mann RV. **Med Sci Sports Exerc** 1981;13(5):325–8

Marathon running by New Zealand doctors [letter] Beaglehole R. **NZ Med J** 1982 Jan 27;95(700):58

Running elevates plasma beta–endorphin immunoreactivity and ACTH in untrained human subjects. Gambert SR, et al. **Proc Soc Exp Biol Med** 1981 Oct;168(1):1–4

Physiological correlates of female road racing performance. Conley DL, et al. **Res Q Exerc Sport** 1981 Dec;52(4):441–8

Erythrocyte changes during training in high school women cross–country runners. Puhl JL, et al. **Res Q Exerc Sport** 1981 Dec;52(4):484–94

The effect of running on the osteoarthritic joint: an experimental matched–pair study with rabbits. Videman T. **Rheumatol Rehabil** 1982 Feb;21(1):1–8

Metabolic responses to a 90 km running race. McKechnie JK, et al. **S Afr Med J** 1982 Mar 27;61(13):482–4

Fenbufen in the treatment of over–use injuries in long–distance runners [letter] Noakes TD. **S Afr Med J** 1982 Feb 27;61(9):301

Heatstroke during the 1981 National Cross–Country Running Championships [letter] Noakes TD. **S Afr Med J** 1982 Jan 30;61(5):145

Pulmonary dysfunction in ultramarathon runners. Mahler DA, et al. **Yale J Biol Med** 1981 Jul–Aug;54(4):243–8

SEMILUNAR CARTILAGES

The pes anserinus transfer. A long–term follow–up. Chick RP, et al. **J Bone Joint Surg [Am]** 1981 Dec;63–A(9):1449–52

Rehabilitation of knee flexor and knee extensor muscle strength in patients with meniscectomies, ligamentous repairs, and chondromalacia. Campbell DE, et al. **Phys Ther** 1982 Jan;62(1):10–5

SHOCK, CARDIOGENIC

Survival of patients with a strongly positive exercise electrocardiogram. Dagenais GR, et al. **Circulation** 1982 Mar;65(3):452–6

SHOULDER

Occupational and individual factors in acute shoulder–neck disorders among industrial workers. Bjelle A, et al. **Br J Ind Med** 1981 Nov;38(4):356–63

Work load and fatigue in repetitive arm elevations. Hagberg M. **Ergonomics** 1981 Jul;24(7):543–55

A 10–week exercise program for senior citizens. Bassett C, et al. **Geriatr Nurs (New York)** 1982 Mar–Apr;3(2):103–5

A kinetic analysis of sprinting. Mann RV. **Med Sci Sports Exerc** 1981;13(5):325–8

SHOULDER JOINT

Occupational and individual factors in acute shoulder–neck disorders among industrial workers. Bjelle A, et al. **Br J Ind Med** 1981 Nov;38(4):356–63

Subacromial bursography. An anatomical and clinical study. Strizak AM, et al. **J Bone Joint Surg [Am]** 1982 Feb;64(2):196–201

[Incidence of previous engagement in sports among patients with symptomatic arthrosis. Controlled study] Boyer T, et al. **Rev Rhum Mal Osteoartic** 1981 Dec;48(12):793–7 (Eng. Abstr.) **(Fre)**

SINOATRIAL NODE

Effects of a new antiarrhythmic compound [2–benzal–1–(2' diisopropyl–amino–ethoxy–imino)–cycloheptane hydrogen fumarate] on the electrophysiological properties of mammalian cardiac cells. Rüdiger HJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1981 Nov;317(3):238–44

SKATING

A comparison of plasma cholesterol, triglycerides, and high density lipoprotein–cholesterol in speed skaters, weightlifters and non–athletes. Farrell PA, et al. **Eur J Applied Physiol** 1982;48(1):77–82

[Accidents related to physical education in school: epidemiologic and preventive approach] Jeanneret O, et al **Soz Praventivmed** 1981 Dec;26(6):377–83 (Eng. Abstr.) **(Fre)**

[Winter sport injuries of the hand] Gerber C, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):129–36 (Eng. Abstr.)**(Ger)**

SKIING

Common ski injuries. Rourke KE. **JEN** 1981 Nov–Dec;7(6):245–9

How dangerous are ski marathons? [letter] Hoffmann A, et al. **Lancet** 1982 Jan 23;1(8265):232

[Accidents related to physical education in school: epidemiologic and preventive approach] Jeanneret O, et al. **Soz Praventivmed** 1981 Dec;26(6):377–83 (Eng. Abstr.) **(Fre)**

[Ski camps for juvenile diabetics. Experiences with 2 vacation ski courses] Baumgartner F, et al. **Padiatr Padol** 1982;17(1):95–8 (Eng. Abstr.) **(Ger)**

[Wrist injuries in winter sports] Fernandez DL, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):121–8 (Eng. Abstr.) **(Ger)**

[Winter sport injuries of the hand] Gerber C, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):129–36 (Eng. Abstr.)**(Ger)**

[Fatal cranio–cerebral injuries caused by skiing accidents and their prevention] Oh SY, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):137–41 (Eng. Abstr.) **(Ger)**

[Skiing accidents in children] Schwarzenbach M, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):116–20 (Eng. Abstr.)**(Ger)**

[Pattern of alpine ski accidents] Spinas GA, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):109–15 (Eng. Abstr.)**(Ger)**

[Diagnosis of muscle function using Janda's method. Results of and examination of skiers on the Swiss and Liechtenstein National Teams] Spring H. **Schweiz Z Sportmed** 1981 Dec;29(4):143–6 (Eng. Abstr.) **(Ger)**

[Non–occupational accidents in Switzerland] Huguenin RD. **Soz Praventivmed** 1981 Dec;26(6):366–70 (Eng. Abstr.) **(Ger)**

PHYSICAL FITNESS/SPORTS MEDICINE

SKIING

[Effect of physical load adaptation on the age-related dynamics of the contractile function and weight of the human left ventricle] Meerson FZ, et al. **Kardiologiia** 1982 Jan;22(1):85–90 (Eng. Abstr.) (Rus)

SKIN TEMPERATURE

Fall in skin temperature during exercise observed by thermography. Nakayama T, et al. **Jpn J Physiol** 1981;31(5):757–62

SKULL FRACTURES

[Goal posts as the cause of serious cranial lesions] Siemssen SJ, et al. **Ugeskr Laeger** 1981 Dec 21;143(52):3558 (Eng. Abstr.) (Dan)

SMOKING

Social network analysis and coronary heart disease. Berkman LF. **Adv Cardiol** 1982;29:37–49

Effects of infarct size, smoking, physical activity and some psychological factors on prognosis after myocardial infarction. Wilhelmsen L, et al. **Adv Cardiol** 1982;29:119–25

Previous alcohol consumption and its consequences of ageing, morbidity and mortality in men aged 70–75. Mellström D, et al. **Age Ageing** 1981 Nov;10(4):277–86

Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. Deanfield J, et al. **Cardiology** 1981; 68 Suppl 2:186–9

Nine years' follow-up of a maximal exercise test in a random population sample of middle-aged men. Wilhelmsen L, et al. **Cardiology** 1981;68 Suppl 2:1–8

Contributors to coronary risk: ten years later. Kannel WB, et al. **Heart Lung** 1982 Jan–Feb;11(1):60–4

Human cigarette smoking: manipulation of number of puffs per bout, interbout interval and nicotine dose. Griffiths RR, et al. **J Pharmacol Exp Ther** 1982 Feb;220(2):256–65

Athletes score a hit with kids in grades four through eight. McDermott RJ, et al. **J Sch Health** 1982 Feb;52(2):94–6

Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235–44

Massachusetts Department of Public Health. Risk factors and life style: a statewide health-interview survey. Lambert CA, et al. **N Engl J Med** 1982 Apr 29;306(17):1048–51

Health education [letter] Leslie PN. **NZ Med J** 1981 Dec 23; 94(698):468

Effects of ozone exposure on lung function in man: a review. Folinsbee LJ. **Rev Environ Health** 1981;3(3):211–40

Influence of exercise and smoking on high density lipoprotein cholesterol in university students. Nakamura S. **Tohoku J Exp Med** 1981 Dec;135(4):443–4

[Physical fitness among the industrial population of middle-aged men with risk factors of ischaemic heart disease (author's transl)] Simon J, et al. **Cas Lek Cesk** 1981 Nov 19;120(46):1398–1401 (Eng. Abstr.) (Cze)

[Rhythm disorders in the rehabilitation phase after myocardial infarct] Künzler A, et al. **Schweiz Med Wochenschr** 1981 Dec 12;111(50):1962–4 (Eng. Abstr.) (Ger)

SOCCER

Juvenile retinal detachment. Pan American Association of Ophthalmology and American Journal of Ophthalmology Lecture. Verdaguer J. **Am J Ophthalmol** 1982 Feb; 93(2):145–56

Displaced intra-articular osteochondral fracture—cause for irreducible dislocation of the distal interphalangeal joint. Stripling WD. **J Hand Surg** 1982 Jan;7(1):77–8

[Goal posts as the cause of serious cranial lesions] Siemssen SJ, et al. **Ugeskr Laeger** 1981 Dec 21;143(52):3558 (Eng. Abstr.) (Dan)

[Acute pelvic osteomyelitis caused by Staphylococcus aureus in handball and soccer players] Hedström SA, et al. **Lakartidningen** 1981 Oct 7;78(41):3601–2 (Eng. Abstr.) (Swe)

[Injuries in women's soccer. The ankle joint and the knees are the weak points in the female players] Lewerentz H. **Lakartidningen** 1981 Dec 2;78(49):4448–50 (Eng. Abstr.) (Swe)

SPINAL CORD INJURIES

Autonomic hyperreflexia following passive stretching to the hip joint. McGarry J, et al. **Phys Ther** 1982 Jan;62(1):30–1

SPINE

[Paramorphism and the sport of volley ball] Fraccaroli G. **Minerva Med** 1981 Dec 22;72(51):3551–4 (Eng. Abstr.) (Ita)

SPIROMETRY

Plethysmography study and pulmonary function in well-trained adolescents. de Swiniarski R, et al. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):39–49

Spirometric predicted values for teenage boys: relation to body composition and exercise performance. Palka MJ. **Bull Eur Physiopathol Respir** 1982 Jan–Feb;18(1):59–64

Measurement of metabolic rate in hyperoxia. Welch HG, et al. **J Appl Physiol** 1981 Sep;51(3):725–31

[Hypotension caused by effort] Bondi S, et al. **Minerva Med** 1982 Jan 14;73(1–2):67–70 (Eng. Abstr.) (Ita)

SPLENIC RUPTURE

A ruptured spleen due to body surfing. Buchta RM. **J Adolesc Health Care** 1981 Jun;1(4):317–8

SPORTS

Juvenile retinal detachment. Pan American Association of Ophthalmology and American Journal of Ophthalmology Lecture. Verdaguer J. **Am J Ophthalmol** 1982 Feb; 93(2):145–56

Potential blood supply to muscles in horses and dogs and its relation to athletic ability. Gunn HM. **Am J Vet Res** 1981 Apr; 42(4):679–84

Trapshooter's cramp [letter] Ajax ET. **Arch Neurol** 1982 Feb; 39(2):131–2

The heart score theory in the racehorse. Stewart GA. **Aust Vet J** 1981 Sep;57(9):422–8 (33 ref.)

Tennis elbow: incidence in local league players. Carroll R. **Br J Sports Med** 1981 Dec;15(4):250–6

A thermophysiological rationale for endurance training for racquet activities. Hancock PA. **Br J Sports Med** 1981 Dec; 15(4):234–7

Tobacco sponsorship of sport: think again [editorial] **Br Med J [Clin Res]** 1982 Feb 6;284(6313):365

Cardio-respiratory fitness and muscular strength in the lower-limb disabled. Davis GM, et al. **Can J Appl Sport Sci** 1981 Dec; 6(4):159–65

Cortical bone, body size, and skeletal maturity in ice hockey players 10 to 12 years of age. Meleski BW, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):212–7

The value of sport in the rehabilitation of the physically disabled. Stewart N. **Can J Appl Sport Sci** 1981 Dec;6(4):166–7

Exercise and sudden death-part I. McManus BM, et al. **Curr Probl Cardiol** 1981 Dec;6(9):1–89

Exercise and sudden- part II. McManus BM, et al. **Curr Probl Cardiol** 1982 Jan;6(10):1–57

The child with heart disease: play, recreation, and sports. Strong WB, et al. **Curr Probl Cardiol** 1981 Nov;6(8):1–38

Dynamic strength test as a predictor for maximal and acceptable lifting. Pytel JL, et al. **Ergonomics** 1981 Sep;24(9):663–72

A comparison of plasma cholesterol, triglycerides, and high density lipoprotein-cholesterol in speed skaters, weightlifters and non-athletes. Farrell PA, et al. **Eur J Applied Physiol** 1982; 48(1):77–82

Blood metabolites during prolonged exercise in swimming and leg cycling. Lavoie JM. **Eur J Applied Physiol** 1982;48(1):127–33

Muscle ultrastructural characteristics of elite powerlifters and bodybuilders. MacDougall JD, et al. **Eur J Applied Physiol** 1982; 48(1):117–26

Early results of arthroscopic surgery of the knee. Chana GS, et al. **Injury** 1981 Nov;13(3):227–9

Individual assessment procedures for multihandicapped and implementation of a sports program. Bergel RR. **Int J Rehabil Res** 1981;4(3):365–78

Assessment of different forms of physical activity with respect to preventive and rehabilitative cardiology. Hollmann W, et al. **Int J Sports Med** 1981 May;2(2):67–80

Cervical spine injuries in rugby football. O'Carroll PF, et al. **Ir Med J** 1981 Dec;74(12):377–9

Risk-taking and the adolescent hemophiliac. Senft KR, et al. **J Adolesc Health Care** 1981 Dec;2(2):87–91

Mental preparation for athletic competition. Shatz M. **J Am Coll Health Assoc** 1981 Dec;30(3):143–4

Dynamic visual acuity: a review. Hoffman LG, et al. **J Am Optom Assoc** 1981 Nov;52(11):883–7

Measurement of pedal loading in bicycling: II. Analysis and results. Davis RR, et al. **J Biomech** 1981;14(12):857–72

Measurement of pedal loading in bicycling: I. Instrumentation. Hull ML, et al. **J Biomech** 1981;14(12):843–56

Athletes score a hit with kids in grades four through eight. McDermott RJ, et al. **J Sch Health** 1982 Feb;52(2):94–6

Selected fitness parameters of college female lacrosse players. Schmidt MN, et al. **J Sports Med Phys Fitness** 1981 Sep; 21(3):282–90

Judo nephropathy: trauma versus non-trauma. De Meersman RE,

et al. **J Trauma** 1982 Feb;22(2):150–2
What do we know about the effects of sports training on the menstrual cycle? Macvicar MG, et al. **MCN** 1982 Jan–Feb; 7(1):55–8
Long-term Holter ECG monitoring of athletes. Hanne-Paparo N, et al. **Med Sci Sports Exerc** 1981;13(5):294–8
Body composition and somatotype characteristics of junior Olympic athletes. Thorland WG, et al. **Med Sci Sports Exerc** 1981;13(5):332–8
The hunting veterinarian. Wolff N. **Mod Vet Pract** 1981 Nov; 62(11):825–8
Rugby injury survey 1979. Inglis GS, et al. **NZ Med J** 1981 Nov 11;94(695):349–50
Rugby injuries [letter] Rainey HB. **NZ Med J** 1982 Jan 13; 95(699):22–3
Recreational activity clustering among adolescents. Crompton JL, et al. **Res Q Exerc Sport** 1981 Dec;52(4):449–57
Recreational and community activities of dentists. Borkman TS, et al. **Soc Sci Med [a]** 1981 Dec;15A(6):761–5
A risk of waterskiing for women [letter] Gray HH. **West J Med** 1982 Feb;136(2):169
[Drugs and addictive behavior. Possibilities of sport therapy] Glatthaar GW. **MMW** 1982 Feb 19;124(7):143–7 (Eng. Abstr.) (Ger)
[Paramorphism and the sport of volley ball] Fraccaroli G. **Minerva Med** 1981 Dec 22;72(51):3551–4 (Eng. Abstr.) (Ita)
[Injuries in women's soccer. The ankle joint and the knees are the weak points in the female players] Lewerentz H. **Lakartidningen** 1981 Dec 2;78(49):4448–50 (Eng. Abstr.) (Swe)

SPORTS MEDICINE

Chromoendocrinological studies in athletes. IV. Multiple hormonal responses to submaximal muscular exercise. Dobrzański T, et al. **Acta Physiol Pol** 1981 Sep–Oct;32(5):529–36
Chronoendocrinological studies in athletes. III. Certain psychoendocrinological correlations. Dobrzański T, et al. **Acta Physiol Pol** 1981 Sep–Oct;32(5):521–7
T wave changes associated with training in women swimmers. Lamont LS. **Am Correct Ther J** 1981 Nov–Dec;35(6):155–8
Office podiatry. Birrer RB, et al. **Am Fam Physician** 1982 Mar; 25(3):141–7
Spontaneous exercise testing: running as an early unmasker of underlying cardiac amyloidosis. Siegel RJ, et al. **Arch Intern Med** 1982 Feb;142(2):345
Sudden death in young athletes. Tsung SH, et al. **Arch Pathol Lab Med** 1982 Apr;106(4):168–70
Sudden death and partial absence of the right ventricular myocardium: a report of three cases and a review of the literature. Virmani R, et al. **Arch Pathol Lab Med** 1982 Apr; 106(4):163–7
Ambulatory electrocardiographic recording in endurance athletes. Viitasalo MT, et al. **Br Heart J** 1982 Mar;47(3):213–20
Maximal anaerobic power in national level Indian players. Bhanot JL, et al. **Br J Sports Med** 1981 Dec;15(4):265–8
Post-competition blood lactate concentrations in competitive track cyclists. Burke ER, et al. **Br J Sports Med** 1981 Dec; 15(4):242–5
Sports medicine-health care information-supply and demand. Markee KM. **Br J Sports Med** 1981 Dec;15(4):224–8
Conservative treatment using compression suits for second and third degree burns in children. Klöti J, et al. **Burns Incl Therm Inj** 1982 Jan;8(3):180–7
A digital integrator for The Wingate Test of Anaerobic Capacity. Bell D, et al. **Can J Appl Sport Sci** 1981 Dec;6(4):218
Oxygen consumption during outdoor recreational cycling. van Baak MA, et al. **Ergonomics** 1981 Sep;24(9):725–33
Physiological profiles of representative women softball, hockey and netball players. Withers RT, et al. **Ergonomics** 1981 Aug; 24(8):583–91
Isokinetic strength, endurance, and fiber type composition in elite American paddlers. Clarkson PM, et al. **Eur J Applied Physiol** 1982;48(1):67–76
Maximum isokinetic ankle plantar and dorsal flexion torques in trained subjects. Fugl-Meyer AR. **Eur J Applied Physiol** 1981; 47(4):393–424
Skeletal muscle properties and performance in elite female track athletes. Gregor RJ, et al. **Eur J Applied Physiol** 1981; 47(4):355–64
Effect of sleep deprivation on tolerance of prolonged exercise. Martin BJ. **Eur J Applied Physiol** 1981;47(4):345–54
VO2 peak during free swimming using the backward extrapolation of the O2 recovery curve. Montpetit RR, et al. **Eur J Applied Physiol** 1981;47(4):385–91
Adult age trends in athletic performances. Stones MJ, et al. **Exp Aging Res** 1981 Fall;7(3):269–80
International conference on sports medicine 1981. 'Muscle in sports medicine.' Utrecht, The Netherlands, March 23–26, 1981. Abstracts. **Int J Sports Med** 1981 Aug;2(3):182–99
Serum ferritin, transferrin, haptoglobin, and iron in middle- and long-distance runners, elite rowers, and professional racing cyclists. Dufaux B, et al. **Int J Sports Med** 1981 Feb; 2(1):43–6
Divergent views: can dental therapy enhance athletic performance? Jakush J. **J Am Dent Assoc** 1982 Mar;104(3):292–8
Optometry at the 1980 Winter Olympics. Erenstone R, et al. **J Am Optom Assoc** 1981 Aug;52(8):647–9
Sports vision [letter] Press LJ. **J Am Optom Assoc** 1981 Nov; 52(11):904
A physiological comparison of young and older endurance athletes. Heath GW, et al. **J Appl Physiol** 1981 Sep;51(3):634–40
Subacute anterior tibial compartment syndrome. Stefl DJ, et al. **J Foot Surg** 1981 Winter;20(4):258–61
Effect of a mouth appliance on athletic performance. Scimone FS. **J Mass Dent Soc** 1981;30(3):156–8
High-density lipoprotein-cholesterol in marathon runners during a 20-day road race. Dressendorfer RH, et al. **JAMA** 1982 Mar 26;247(12):1715–7
Food allergy in runners [letter] Noakes TD. **JAMA** 1982 Mar 12; 247(10):1406
How dangerous are ski marathons? [letter] Hoffmann A, et al. **Lancet** 1982 Jan 23;1(8265):232
The importance of being humane: important resolutions of the World Medical Association. Winton R. **Med J Aust** 1981 Nov 14;2(10):512–3
Hypoglycemia during prolonged exercise in normal men. Felig P, et al. **N Engl J Med** 1982 Apr 15;306(15):895–900
Rugby injuries [letter] Rainey HB. **NZ Med J** 1982 Jan 13; 95(699):22–3
The 1981 Outstanding Team Physician Awards. Clinger RD. **Ohio State Med J** 1981 Nov;77(11):649–51
Sports medicine (2). Medical problems of long-distance swimming. Mason KD. **Practitioner** 1981 Aug;225(1358):1165–8
Pulmonary diffusing capacity and physical working capacity in swimmers and non-swimmers during growth. Yost LJ, et al. **Respiration** 1981;42(1):8–14
[Dissecant osteochondrosis of the ankle joint (author's transl)] Grepl J, et al. **Acta Chir Orthop Traumatol Cech** 1982 Feb; 49(1):66–73 (Eng. Abstr.) (Cze)
[The effect of environment and physical exercise on red blood count in elite female swimmers (author's transl)] Lisý Z. **Cas Lek Cesk** 1982 Jan 22;121(3):74–7 (Eng. Abstr.) (Cze)
[Intensive physical training and its effect on the urine excretion of catecholamines and 17-OH corticoids during aerobic exercise on an ergometer (author's transl)] Veselková A, et al. **Cas Lek Cesk** 1982 Jan 22;121(3):71–3 (Eng. Abstr.) (Cze)
[Acute cardiovascular complications and sports (author's transl)] Riviere A, et al. **Ann Cardiol Angeiol (Paris)** 1981 Nov; 30(6):375–8 (38 ref.) (Eng. Abstr.) (Fre)
[Diagnosis of muscle function using Janda's method. Results of and examination of skiers on the Swiss and Liechtenstein National Teams] Spring H. **Schweiz Z Sportmed** 1981 Dec;29(4):143–6 (Eng. Abstr.) (Ger)
[Energy expenditure of young athletes during certain functional states and muscle activity] Filippov MM, et al. **Gig Sanit** 1982; (1):23–5 (Eng. Abstr.) (Rus)
[Study of the immunological reaction of young athletes] Shubik VM. **Gig Sanit** 1981 Nov;(11):21–4 (Eng. Abstr.) (Rus)

SPRAINS AND STRAINS

Primary operative treatment of the ruptured lateral ligament of the ankle. Kostiainen S, et al. **Ann Chir Gynaecol** 1981; 70(6):313–5
A new type of dynamograph for measuring muscular strain. Mitrev N, et al. **Folia Med (Plovdiv)** 1981;23(1):54–8
Ankle sprain surgery a winner for athletes [news] Macek C. **JAMA** 1982 Mar 19;247(11):1545
Casualty attendances: one year's experience at Waikato Hospital. McRae S, et al. **NZ Med J** 1982 Jan 13;95(699):12–4
[Wrist injuries in winter sports] Fernandez DL, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):121–8 (Eng. Abstr.) (Ger)
[Simple plastic surgery of inveterate ligament injuries in the ankle joint] Weber BG. **Lakartidningen** 1981 Aug 19;78(34):2857–61 (Eng. Abstr.) (Swe)

SUBSTANCE DEPENDENCE

[Drugs and addictive behavior. Possibilities of sport therapy] Glatthaar GW. **MMW** 1982 Feb 19;124(7):143–7 (Eng. Abstr.) (Ger)

SWEATING

Predicting sweat loss response to exercise, environment and clothing. Shapiro Y, et al. **Eur J Applied Physiol** 1982; 48(1):83–96
Effect of physical training on exercise-induced sweating in women. Araki T, et al. **J Appl Physiol** 1981 Dec;51(6):1526–32
Effect of blood volume on sweating rate and body fluids in

SWEATING

exercising humans. Fortney SM, et al. **J Appl Physiol** 1981 Dec; 51(6):1594–600

SWIMMING

T wave changes associated with training in women swimmers. Lamont LS. **Am Correct Ther J** 1981 Nov–Dec;35(6):155–8

Norwalk gastrointestinal illness: an outbreak associated with swimming in a recreational lake and secondary person–to–person transmission. Baron RC, et al. **Am J Epidemiol** 1982 Feb; 115(2):163–72

Norwalk virus enteric illness acquired by swimming exposure. Koopman JS, et al. **Am J Epidemiol** 1982 Feb;115(2):173–7

Effect of swim training on development of obesity in the genetically obese rat. Walberg JL, et al. **Am J Physiol** 1982 Mar; 242(3):R204–11

Maternal effects in mice: influence of parents' and offspring's genotypes. le Pape G, et al. **Behav Genet** 1981 Jul; 11(4):379–84

The reduction of anxiety in children: a comparison of the effects of 'systematic desensitization in vitro' and 'systematic desensitization in vivo'. Ultee CA, et al. **Behav Res Ther** 1982; 20(1):61–7

Hydromechanics and biology. Nachtigall W. **Biophys Struct Mech** 1981;8(1–2):1–22

Quantitative studies on the numerical frequency of myonuclei in the muscles of exercised rats: evidence against the occurrence of fibre–splitting. James NT, et al. **Br J Exp Pathol** 1981 Dec; 62(6):600–5

Some haematological characteristics of competitive swimmers. Willan PL, et al. **Br J Sports Med** 1981 Dec;15(4):238–41

Pain perception in competitive swimmers [letter] Keele KD. **Br Med J [Clin Res]** 1982 Jan 9;284(6309):116–7

Behavioral effects of early deprivation of nerve growth factor: some similarities with familial dysautonomia. Bell J, et al. **Brain Res** 1982 Feb 25;234(2):409–21

The role of dopaminergic and serotonergic mechanisms in the development of swimming ability of young rats. Tamásy V, et al. **Dev Neurosci** 1981;4(5):389–400

Microbiological quality of selected recreational waters. Alvarez RJ. **Environ Res** 1981 Dec;26(2):372–80

Effects of crude oil on swimming behavior and survival in the rice rat. Wolfe JL, et al. **Environ Res** 1981 Dec;26(2):486–9

Blood metabolites during prolonged exercise in swimming and leg cycling. Lavoie JM. **Eur J Applied Physiol** 1982;48(1):127–33

VO2 peak during free swimming using the backward extrapolation of the O2 recovery curve. Montpetit RR, et al. **Eur J Applied Physiol** 1981;47(4):385–91

Effects of L–aspartic acid, L–asparagine and/or L–asparaginase on forced swimming–induced immobility, analgesia, and decrease in rectal temperature in rats. Koyuncuoğlu H, et al. **Experientia** 1982 Jan 15;38(1):117–8

Glycogen and nonspecific adaptation to cold. LeBlanc J, et al. **J Appl Physiol** 1981 Dec;51(6):1428–32

Neonatal Frontal Lesions in the rat: sparing of learned but not species–typical behavior in the presence of reduced brain weight and cortical thickness. Kolb B, et al. **J Comp Physiol Psychol** 1981 Dec;95(6):863–79

Motor organization of Tritonia swimming. III. Contribution of intrinsic membrane properties to flexion neuron burst formation. Hume RI, et al. **J Neurophysiol** 1982 Jan;47(1):91–102

Motor organization of Tritonia swimming. I. Quantitative analysis of swim behavior and flexion neuron firing patterns. Hume RI, et al. **J Neurophysiol** 1982 Jan;47(1):60–74

Motor organization of Tritonia swimming. II. Synaptic drive to flexion neurons from premotor interneurons. Hume RI, et al. **J Neurophysiol** 1982 Jan;47(1):75–90

The effects of two breathing patterns on selected physiological parameters during a 200–yard simulated freestyle swim in male swimmers. Bell GH. **J Sports Med Phys Fitness** 1981 Sep; 21(3):271–8

Effects of acute nitrogen dioxide exposure on swimming performance of mice. Suzuki AK, et al. **J Toxicol Environ Health** 1982 Jan;9(1):165–72

Enhancement of calorigenic response to cold and to norepinephrine in physically trained rats. Hirata K, et al. **Jpn J Physiol** 1981; 31(5):657–65

Epilepsy and swimming. Sonnen AE. **Monogr Neural Sci** 1981; 5:265–70

The correlation between swim–stress induced antinociception and [3H] leu–enkephalin binding to brain homogenates in mice. Christie MJ, et al. **Pharmacol Biochem Behav** 1981 Dec; 15(6):853–7

Task dependent rate of recovery following serial posterior hypothalamic lesions. Gruenthal M. **Physiol Behav** 1981 Sep; 27(3):497–502

Electrocardiographic and metabolic investigations concerning the exhaustive exercise under conditions of adrenergic blocking in rats. Schneider F, et al. **Physiologie** 1982 Jan–Mar;19(1):31–3

Establishing a swimming club for disabled people. Grasty PM. **Physiotherapy** 1981 Oct;67(10):292–5

The Halliwick Method. Martin J. **Physiotherapy** 1981 Oct; 67(10):288–91

Effects of cholinomimetics, cholinolytics and atypical antidepressants in the behavioral despair test in the rat. Herman ZS, et al. **Pol J Pharmacol Pharm** 1981;33(5):485–9

Sports medicine (2). Medical problems of long–distance swimming. Mason KD. **Practitioner** 1981 Aug;225(1358):1165–8

Effects of anxiolytic drugs on the catecholamine and DOPAC (3, 4–dihydroxyphenylacetic acid) levels in brain cortical areas and on corticosterone and prolactin secretion in rats subjected to stress. Fekete MI, et al. **Psychoneuroendocrinology** 1981; 6(2):113–20

Pulmonary diffusing capacity and physical working capacity in swimmers and non–swimmers during growth. Yost LJ, et al. **Respiration** 1981;42(1):8–14

Standards in behavioral teratology testing: test variability and sensitivity. Butcher RE, et al. **Teratogenesis Carcinog Mutagen** 1980;1(1):49–61

Dominant lethality in Xenopus laevis induced with triethylenemelamine (TEM). McKinnell RG, et al. **Teratogenesis Carcinog Mutagen** 1980;1(3):283–94

[The effect of environment and physical exercise on red blood count in elite female swimmers (author's transl)] Lisý Z. **Cas Lek Cesk** 1982 Jan 22;121(3):74–7 (Eng. Abstr.) (Cze)

[Accidents related to physical education in school: epidemiologic and preventive approach] Jeanneret O, et al. **Soz Praventivmed** 1981 Dec;26(6):377–83 (Eng. Abstr.) (Fre)

[Nutrient input in lakes by bathers (author's transl)] Schulz L. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1981 Sep;173(6):528–48 (Eng. Abstr.) (Ger)

[Phytoplankton monitoring in bathing coastal water (author's transl)] Dojmi Di Delupis G, et al. **Ann Ist Super Sanita** 1981; 17(2):171–88 (Eng. Abstr.) (Ita)

[Diurnal and seasonal rhythms of cerebral cortex activity during exercise] Shorin IuP, et al. **Probl Endokrinol (Mosk)** 1981; 27(6):49–52 (Eng. Abstr.) (Rus)

[Iodine metabolism in rat tissues under physical loads] Chernov VD, et al. **Ukr Biokhim Zh** 1981 Nov–Dec;53(6):83–6 (Eng. Abstr.) (Rus)

[Role of physical exercise in water in the complex treatment of patients with rheumatoid arthritis at the health resorts] Zmievskaia LD, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1981 Nov–Dec;(6):30–2 (Eng. Abstr.) (Rus)

[Changes of the isoenzyme spectrum of pyruvate kinase during compensated heart hyperfunction] Meerson FZ, et al. **Vopr Med Khim** 1982 Jan–Feb;28(1):98–103 (Eng. Abstr.)(Rus)

[Swimming behavior in the rat as a model for the evaluation of brain development] Salas M, et al. **Bol Estud Med Biol** 1980 Jul–Oct;31(3–4):161–8 (40 ref.) (Eng. Abstr.) (Spa)

SYNCOPE

Orthostatic fluid–electrolyte and endocrine responses in fainters and nonfainters. Shvartz E, et al. **J Appl Physiol** 1981 Dec; 51(6):1404–10

[Effects and dangers of hyperventilation] Odaglia G. **Minerva Med** 1981 Dec 30;72(52):3579–87 (Eng. Abstr.) (Ita)

SYNOVITIS

[Epicondylalgias: a single disease or syndromes with multiple etiopathogenesis?] Baccarani G, et al. **Arch Putti Chir Organi Mov** 1980;30:343–50 (15 ref.) (Eng. Abstr.) (Ita)

TACHYCARDIA

Incidence and prognostic implications of severe ventricular arrhythmias during maximal exercise testing. Detry JM, et al. **Cardiology** 1981;68 Suppl 2:35–43

Effect of cardiovascular variables on hyperpnea during recovery from diving in ducks. Lillo RS, et al. **J Appl Physiol** 1982 Jan; 52(1):206–15

[An unusual association of supraventricular tachycardia and conduction disturbances during exercise testing (author's transl)] Heraudeau A, et al. **Ann Cardiol Angeiol (Paris)** 1982 Jan–Feb; 31(1):55–8 (Eng. Abstr.) (Fre)

TASK PERFORMANCE AND ANALYSIS

Effects of method of subject selection (volunteer vs random) and treatment variable on motor performance. Arnett B, et al. **Res Q Exerc Sport** 1981 Dec;52(4):433–40

Contextual factors and age group differences in coincidence–anticipation performance. Haywood KM, et al. **Res Q Exerc Sport** 1981 Dec;52(4):458–64

The use of capacitive touch sensors for temporal measurements. McIntyre DR, et al. **Res Q Exerc Sport** 1981 Dec; 52(4):512–7

TENDON INJURIES

The importance of controlled passive mobilization on flexor tendon healing. A biomechanical study. Woo SL, et al. **Acta Orthop Scand** 1981 Dec;52(6):615–22

Posttraumatic recurrent subluxation of the extensor carpi ulnaris tendon. Burkhart SS, et al. **J Hand Surg** 1982 Jan;7(1):1–3

TENDONS

The importance of controlled passive mobilization on flexor tendon healing. A biomechanical study. Woo SL, et al. **Acta Orthop Scand** 1981 Dec;52(6):615–22

Effect of tenotomy and denervation on the early post-exercise glycogen recovery in skeletal muscles of the rat. Stankiewicz-Niczyporowicz J, et al. **Acta Physiol Pol** 1981; 32(4):449–54

The order-disorder transitions in fibrillar proteins. Stress-temperature dependence of hydrothermal contraction of the native collagen fibers. Kukhareva LV, et al. **Biorheology** 1981; 18(3–6):601–18

Somatosensory unit input to the spinal cord during normal walking. Loeb GE. **Can J Physiol Pharmacol** 1981 Jul;59(7):627–35

TENNIS

Tennis elbow: incidence in local league players. Carroll R. **Br J Sports Med** 1981 Dec;15(4):250–6

TENNIS ELBOW

Tennis elbow: incidence in local league players. Carroll R. **Br J Sports Med** 1981 Dec;15(4):250–6

[Epicondylalgias: a single disease or syndromes with multiple etiopathogenesis?] Baccarani G, et al. **Arch Putti Chir Organi Mov** 1980;30:343–50 (15 ref.) (Eng. Abstr.) **(Ita)**

TENOSYNOVITIS

Peroneus longus tenosynovitis. Folan JC. **Br J Sports Med** 1981 Dec;15(4):277–9

THEOPHYLLINE

Theophylline pharmacokinetics during hyperbaria and hyperbaric hyperoxia in the dog. Kramer WG, et al. **Res Commun Chem Pathol Pharmacol** 1981 Dec;34(3):381–8

THIAMINE

Effect of dietary thiamine on intermolecular collagen cross-linking during wound repair: a mechanical and biochemical assessment. Alvarez OM, et al. **J Trauma** 1982 Jan;22(1):20–4

THORAX

Inability of a chest pain history questionnaire to predict coronary disease in the exercise laboratory [letter] Santinga JT. **Am J Cardiol** 1982 Mar;49(4 Pt 2):1084–5

Analysis of exercise-induced R-wave-amplitude changes in detection of coronary artery disease in patients with typical or atypical chest pain under digitalis treatment. Degre S, et al. **Cardiology** 1981;68 Suppl 2:178–85

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep; 51(3):557–64

THYROID HORMONES

Chronoendocrinological studies in athletes. III. Certain psychoendocrinological correlations. Dobrzański T, et al. **Acta Physiol Pol** 1981 Sep–Oct;32(5):521–7

Chromoendocrinological studies in athletes. IV. Multiple hormonal responses to submaximal muscular exercise. Dobrzański T, et al. **Acta Physiol Pol** 1981 Sep–Oct;32(5):529–36

THYROXINE

Thyroid function and physical activity. A preliminary communication. Adler J, et al. **Br J Sports Med** 1981 Dec; 15(4):261–4

TSH, T3, rT3 and fT4 in maximal and submaximal physical exercise. Schmid P, et al. **Eur J Applied Physiol** 1982; 48(1):31–9

Evidence for mild thyroidal impairment in women undergoing endurance training. Boyden TW, et al. **J Clin Endocrinol Metab** 1982 Jan;54(1):53–6

TIBIA

In vivo rotatory knee stability. Ligamentous and muscular contributions. Shoemaker SC, et al. **J Bone Joint Surg [Am]** 1982 Feb;64(2):208–16

Load-carrying effects on the adult beagle tibia. Martin RK, et al. **Med Sci Sports Exerc** 1981;13(5):343–9

TIBIAL FRACTURES

Tibial tuberosity avulsion fracture in adolescents. Christie MJ, et al. **J Pediatr Orthop** 1981;1(4):391–4

Stress fractures in runners. Daffner RH, et al. **JAMA** 1982 Feb 19;247(7):1039–41

TIDAL VOLUME

Mechanisms of oxygen effects on exercise in patients with chronic obstructive pulmonary disease. Stein DA, et al. **Chest** 1982 Jan; 81(1):6–10

Changes in ventilation and chest wall mechanics during sleep in normal adolescents. Tabachnik E, et al. **J Appl Physiol** 1981 Sep; 51(3):557–64

Control of ventilation during graded exercise in the dog. Szlyk PC, et al. **Respir Physiol** 1981 Dec;46(3):345–65

TOBACCO USE DISORDER

Plasma high density lipoproteins in coronary, cerebral and peripheral vascular disease. The influence of various risk factors. Bihari-Varga M, et al. **Atherosclerosis** 1981 Nov–Dec; 40(3–4):337–45

TOTAL LUNG CAPACITY

Pathogenesis of respiratory insufficiency in myotonic dystrophy: the mechanical factors. Bégin R, et al. **Am Rev Respir Dis** 1982 Mar;125(3):312–8

The effect of an acute bout of exercise on selected pulmonary function measurements. Buono MJ, et al. **Med Sci Sports Exerc** 1981;13(5):290–3

TRACK AND FIELD

Exertion injuries in female athletes. Orava S, et al. **Br J Sports Med** 1981 Dec;15(4):229–33

Adult age trends in athletic performances. Stones MJ, et al. **Exp Aging Res** 1981 Fall;7(3):269–80

TRANQUILIZING AGENTS, MINOR

Effects of anxiolytic drugs on the catecholamine and DOPAC (3, 4-dihydroxyphenylacetic acid) levels in brain cortical areas and on corticosterone and prolactin secretion in rats subjected to stress. Fekete MI, et al. **Psychoneuroendocrinology** 1981; 6(2):113–20

TRIGLYCERIDES

Physical exercise and carbohydrate and lipid metabolism. Chakroun R, et al. **Acta Cardiol [Suppl] (Brux)** 1981;27:51–68

Changes in plasma lipid and lipoprotein levels in men and women after a program of moderate exercise. Brownell KD, et al. **Circulation** 1982 Mar;65(3):477–84

A comparison of plasma cholesterol, triglycerides, and high density lipoprotein-cholesterol in speed skaters, weightlifters and non-athletes. Farrell PA, et al. **Eur J Applied Physiol** 1982; 48(1):77–82

High-density lipoprotein-cholesterol in marathon runners during a 20-day road race. Dressendorfer RH, et al. **JAMA** 1982 Mar 26;247(12):1715–7

Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Kambara H, et al. **Jpn Circ J** 1982 Mar;46(3):235–44

Comparison of serum lipids between habitually high and low active pre-adolescent males. Thorland WG, et al. **Med Sci Sports Exerc** 1981;13(5):316–21

Metabolic responses to a 90 km running race. McKechnie JK, et al. **S Afr Med J** 1982 Mar 27;61(13):482–4

[Effect of exercise on serum lipoproteins in 270 healthy men (author's transl)] Ollivier JP, et al. **Diabete Metab** 1981 Sep; 7(3):195–8 (Eng. Abstr.) **(Fre)**

TRIIODOTHYRONINE

Thyroid function and physical activity. A preliminary communication. Adler J, et al. **Br J Sports Med** 1981 Dec; 15(4):261–4

TSH, T3, rT3 and fT4 in maximal and submaximal physical

TRIIODOTHYRONINE

exercise. Schmid P, et al. **Eur J Applied Physiol** 1982; 48(1):21-9

Evidence for mild thyroidal impairment in women undergoing endurance training. Boyden TW, et al. **J Clin Endocrinol Metab** 1982 Jan;54(1):53-6

ULNAR NERVE

[Paralysis in bicyclists] Falck B, et al. **Duodecim** 1982; 98(1):44-8 (Eng. Abstr.) (Fin)

VECTORCARDIOGRAPHY

Polarcardiographic (triaxicardiometric) study on the effect of isosorbide dinitrate on exercise-induced myocardial ischemia. Antalóczy Z, et al. **Cardiology** 1981;68 Suppl 2:147-52

VENTILATION-PERFUSION RATIO

Pattern and time course of ventilation-perfusion inequality in exercise-induced asthma. Young IH, et al. **Am Rev Respir Dis** 1982 Mar;125(3):304-11

VENTRICULAR FIBRILLATION

Incidence and prognostic implications of severe ventricular arrhythmias during maximal exercise testing. Detry JM, et al. **Cardiology** 1981;68 Suppl 2:35-43

Hemodynamic response to exercise during chronic ventricular fibrillation and nonpulsatile biventricular bypass (BVB). Valdés F, et al. **Trans Am Soc Artif Intern Organs** 1981;27:449-53

VISUAL PERCEPTION

The effects of physical or perceptual work loads on a coincidence/anticipation task. Fleury M, et al. **Percept Mot Skills** 1981 Dec;53(3):843-50

VITAL CAPACITY

Changes in functional residual capacity during exercise in patients with exercise-induced asthma. Kiers A, et al. **Bull Eur Physiopathol Respir** 1981 Nov-Dec;17(6):869-78

Spirometric predicted values for teenage boys: relation to body composition and exercise performance. Palka MJ. **Bull Eur Physiopathol Respir** 1982 Jan-Feb;18(1):59-64

Mechanisms of oxygen effects on exercise in patients with chronic obstructive pulmonary disease. Stein DA, et al. **Chest** 1982 Jan; 81(1):6-10

Age differences in some physiological functions during heavy physical work. Solonin YuG, et al. **Hum Physiol** 1981 Mar-Apr; 7(2):92-8

Respiratory mechanics in supine subjects during progressive partial curarization. Gal TJ, et al. **J Appl Physiol** 1982 Jan; 52(1):57-63

The effect of an acute bout of exercise on selected pulmonary function measurements. Buono MJ, et al. **Med Sci Sports Exerc** 1981;13(5):290-3

WEIGHT LIFTING

Dynamic strength test as a predictor for maximal and acceptable lifting. Pytel JL, et al. **Ergonomics** 1981 Sep;24(9):663-72

A comparison of plasma cholesterol, triglycerides, and high density lipoprotein-cholesterol in speed skaters, weightlifters and non-athletes. Farrell PA, et al. **Eur J Applied Physiol** 1982; 48(1):77-82

Muscle ultrastructural characteristics of elite powerlifters and bodybuilders. MacDougall JD, et al. **Eur J Applied Physiol** 1982; 48(1):117-26

Increased excretion of urea and N tau -methylhistidine by rats and humans after a bout of exercise. Dohm GL, et al. **J Appl Physiol** 1982 Jan;52(1):27-33

WORK OF BREATHING

Apnoeic diving safety - experimental approaches to oxygen augmentation. Smit PJ, et al. **S Afr Med J** 1981 Dec 19; 60(25):959-64

WOUNDS AND INJURIES

Environmental factors in childhood accidents. A prospective study in Göteborg, Sweden. Nathorst Westfelt JA. **Acta Paediatr Scand [Suppl]** 1982;291:1-75

Childhood injuries: recognition and prevention. Berger LR. **Curr Probl Pediatr** 1981 Nov;12(1):1-59

130 bicycle injuries in children: a comparison with accidents due to other causes. Illingworth CM, et al. **Injury** 1981 Jul; 13(1):7-9

[Five years of movement therapy - experiences from health resort work (author's transl)] Haizmann R. **Rehabilitation (Stuttg)** 1982 Feb;21(1):1-7 (Eng. Abstr.) (Ger)

WRIST INJURIES

Posttraumatic recurrent subluxation of the extensor carpi ulnaris tendon. Burkhart SS, et al. **J Hand Surg** 1982 Jan;7(1):1-3

[Wrist injuries in winter sports] Fernandez DL, et al. **Schweiz Z Sportmed** 1981 Dec;29(4):121-8 (Eng. Abstr.) (Ger)

WRIST JOINT

[Epicondylalgias: a single disease or syndromes with multiple etiopathogenesis?] Baccarani G, et al. **Arch Putti Chir Organi Mov** 1980;30:343-50 (15 ref.) (Eng. Abstr.) (Ita)

PHYSICAL FITNESS/SPORTS MEDICINE

A

Abe H see **Nakamura T**
Abouantoun S see **Detry JM**
Abraham LD see **Farrar RP**
Abrahams VC, Turner CJ: The nature of afferents from the large dorsal neck muscles that project to the superior colliculus in the cat. J Physiol (Lond) 1981;319:393–401
Accorsi A see **Fornaini G**
Adams J, Bagnall KM, McFadden KD, et al: Body density differences between Negro and Caucasian professional football players. Br J Sports Med 1981 Dec;15(4):257–60
Adler J, Brown K, Craig M, et al: Thyroid function and physical activity. A preliminary communication. Br J Sports Med 1981 Dec;15(4):261–4
Agarwal AK: Exercise tests after myocardial infarction [letter] Ann Intern Med 1982 Feb;96(2):250
Ahlborg G, Felig P: Lactate and glucose exchange across the forearm, legs, and splanchnic bed during and after prolonged leg exercise. J Clin Invest 1982 Jan;69(1):45–54
Aizawa T, Fujii J, Ono S, et al: [The clinical significance of exercise-induced ST-segment elevation-electrocardiographic and arteriographic evaluation in 23 patients (author's transl)] Kokyu To Junkan 1981 Nov;29(11):1203–11 (Eng. Abstr.) **(Jpn)**
Ajax ET: Trapshooter's cramp [letter] Arch Neurol 1982 Feb; 39(2):131–2
Akaike N: Hyperpolarization of mammalian skeletal muscle fibers in K-free media. Am J Physiol 1982 Jan;242(1):C12–8
Aksoy MO, Murphy RA, Kamm KE: Role of Ca2+ and myosin light chain phosphorylation in regulation of smooth muscle. Am J Physiol 1982 Jan;242(1):C109–16
Alberici S see **Pinelli G**
Albright JP see **Martin RK**
Alegret Bardi F see **Artigas Raventos V**
Alekseeva NP see **Makoeva LD**
Alexander K see **Maass U**
Alfredo de Alba J, Chaconas SJ, Caputo AA, et al: Stress distribution under high-pull extraoral chin cup traction. A photoelastic study. Angle Orthod 1982 Jan;52(1):69–78
Allan RM, Horlock P, Fox K, et al: Investigation of the mechanisms and consequences of transient myocardial ischaemia. Acta Med Scand [Suppl] 1981;651:133–8
Allen BL see **Starling JA**
Alliluev IG see **Makolkin VI**
Allison D: Sudden infant death syndrome [letter]. Br J Hosp Med 1981 Dec;26(6):652
Allum JH, Hepp-Reymond MC, Gysin R: Cross-correlation analysis of interneuronal connectivity in the motor cortex of the monkey. Brain Res 1982 Jan 14;231(2):325–34
Alpert BS see **Strong WB**
Alpert NR, Mulieri LA: Heat, mechanics, and myosin ATPase in normal and hypertrophied heart muscle. Fed Proc 1982 Feb; 41(2):192–8
Altuğ T see **Koyuncuoğlu H**
Alvarez OM, Gilbreath RL: Effect of dietary thiamine on intermolecular collagen cross-linking during wound repair: a mechanical and biochemical assessment. J Trauma 1982 Jan; 22(1):20–4
Alvarez RJ: Microbiological quality of selected recreational waters. Environ Res 1981 Dec;26(2):372–80
Ambrosioni E, Costa FV, Montebugnoli L, et al: Intralymphocytic sodium concentration as an index of response to stress and exercise in young subjects with borderline hypertension. Clin Sci [Suppl] 1981 Dec;61(7):25s–27s
Amsterdam EA see **Dressendorfer RH**
Amsterdam EA see **Laslett LJ**
An KN, Hui FC, Morrey BF, et al: Muscles across the elbow joint: a biomechanical analysis. J Biomech 1981;14(10):659–69
Andersen GS, Christiansen P, Madsen S, et al: Vaerdien af regelmaessig og overvåget fysisk traening efter akut myokardieinfarkt. Ugeskr Laeger 1981 Nov 2;143(45):2952–5 (Eng. Abstr.) **(Dan)**
Anderson MJ see **Lamb RC**
Andrasik F see **Blanchard EB**
Andrén-Sandberg A see **Hedström SA**
Andrews JG see **Dostal WF**
Andrews K: We're jumping rope for heart...from the American Heart Association. Health Educ (Wash) 1982 Jan–Feb;13(1):23
Angelov I, Goranova V, Doncheva T, et al: Efekti na fizicheskata aktivnost i srednoplaninskoto klimatolechenie vŭrkhu serumnite lipidi u bolni diabet na zrialata vŭzrast i zatlŭstiavane. Vutr Boles 1981;20(5):93–7 (Eng. Abstr.) **(Bul)**
Anikin VV see **Gasilin VS**
Antalóczy Z, Préda I, Regös L, et al: Polarcardiographic (triaxicardiometric) study on the effect of isosorbide dinitrate on exercise-induced myocardial ischemia. Cardiology 1981;68 Suppl 2:147–52
Antoni H see **Rüdiger HJ**
Aoki TT, Brennan MF, Fitzpatrick GF, et al: Leucine meal increases glutamine and total nitrogen release from forearm muscle. J Clin Invest 1981 Dec;68(6):1522–8
Appell HJ see **Stang-Voss C**
Arai S see **Nakamura T**
Araki T, Matsushita K, Umeno K, et al: Effect of physical training on exercise-induced sweating in women. J Appl Physiol 1981 Dec;51(6):1526–32
Armstrong RB, Peterson DF: Patterns of glycogen loss in muscle fibers: response to arterial occlusion during exercise. J Appl Physiol 1981 Sep;51(3):552–6
Armstrong RB see **Tullson P**
Arnett B, Rikli R: Effects of method of subject selection (volunteer vs random) and treatment variable on motor performance. Res Q Exerc Sport 1981 Dec;52(4):433–40
Arnman K, Rydén L: Comparison of metoprolol and verapamil in the treatment of angina pectoris. Am J Cardiol 1982 Mar; 49(4):821–7
Arnoczky SP, Torzilli PA: Biomechanical analysis of forces acting about the canine hip. Am J Vet Res 1981 Sep;42(9):1581–5
Aronov DM, Vasil'ev AP: Izmenenie kislorodnogo rezhima kozhi i mikrotsirkuliatsii pod vliianiem intensivnykh fizicheskikh trenirovok u bol'nykh, perenesshikh infarkt miokarda. Kardiologiia 1982 Jan;22(1):44–9 (Eng. Abstr.) **(Rus)**
Arora NS see **Gal TJ**
Arora NS see **Ruth RA**
Artigas Raventos V, Caralt Mestres E, Alegret Bardi F: Hematoma intramural duodenal de origen traumático: diagnóstico y opciones terapéuticas. Rev Esp Enferm Apar Dig 1981 Sep;60(3):293–8 (Eng. Abstr.) **(Spa)**
Arvay G, Szathmáry G, Reuter M: Changes in

PHYSICAL FITNESS/SPORTS MEDICINE

angiotensin-converting enzyme activity and angiotensin I level in asthmatic and healthy children after submaximal physical work. J Allergy Clin Immunol 1982 Feb;69(2):178–80

Arvidsson I, Eriksson E, Häggmark T, et al: Isokinetic thigh muscle strength after ligament reconstruction in the knee joint: results from a 5–10 year follow-up after reconstructions of the anterior cruciate ligament in the knee joint. Int J Sports Med 1981 Feb; 2(1):7–11

Askanazi J, Weissman C, Rosenbaum SH, et al: Nutrition and the respiratory system. Crit Care Med 1982 Mar;10(3):163–72 (124 ref.)

Asmussen G, Gaunitz U: Contractures in normal and denervated inferior oblique muscle of the rabbit. Pflugers Arch 1981 Dec; 392(2):191–7

Asmussen G, Gaunitz U: Mechanical properties of the isolated inferior oblique muscle of the rabbit. Pflugers Arch 1981 Dec; 392(2):183–90

Asmussen G, Gaunitz U: Changes in mechanical properties of the inferior oblique muscle of the rabbit after denervation. Pflugers Arch 1981 Dec;392(2):198–205

Assmann G see Dufaux B

Attinà DA, Falorni P, Canepele N, et al: Biological and haematological modifications after two years of physical activity in middle-aged men. J Sports Med Phys Fitness 1981 Sep; 21(3):253–8

Attisano N see Schirripa V

Avakian LO see Sherdukalova LF

Awan NA, Needham K, Evenson MK, et al: Management of severe chronic CHF with oral pirbuterol. Acta Med Scand [Suppl] 1981; (652):155–62

Ayer WA see Berkman TS

Ayerle RS see Brownell KD

B

Baccarani G, Battaglia L, Grandi A: Le epicondilalgie: malattia unitaria o sindromi con eziopatogenesi molteplici? Arch Putti Chir Organi Mov 1980;30:343–50 (15 ref.) (Eng. Abstr.) (Ita)

Bachmann DC see Monaco BR

Bachorik PS see Brownell KD

Baddeley AD see Lewis VJ

Badui Dergal E see García Rubí DE

Bagnall KM see Adams J

Bagnall KM see Willan PL

Baker G see Srinivasan M

Balakumaran K see Simoons ML

Baldwin KM see Roy RR

Bale P: Pre- and post-adolescents' physiological response to exercise. Br J Sports Med 1981 Dec;15(4):246–9

Balfagón G see Estrada C

Balmer K see Oh SY

Balwin K, Schemmel R, Van Huss W: Effect of a meal and previous exercise on the oxygen consumption/heart rate relationship [letter] Am J Clin Nutr 1982 Jan;35(1):177–8

Balzarini E see Oriani G

Bar-Shlomo BZ, Druck MN, Morch JE, et al: Left ventricular function in trained and untrained healthy subjects. Circulation 1982 Mar;65(3):484–8

Baran D, Dorchy H: Aptitude physique de l'adolescent diabétique. Bull Eur Physiopathol Respir 1982 Jan–Feb;18(1):51–8 (Eng. Abstr.) (Fre)

Barclay JK: Energetics of mammalian fast and slow twitch muscles. Fed Proc 1982 Feb;41(2):189–91

Bard C see Fleury M

Bardelli M, Faccioli R: Su di un raro caso di degenerazione post-traumatica del muscolo tibiale anteriore. Arch Putti Chir Organi Mov 1980;30:403–11 (Eng. Abstr.) (Ita)

Barnard EE, Weathersby PK: Blood cell changes in asymptomatic divers. Undersea Biomed Res 1981 Dec;8(4):187–98

Barnes PJ, Wilson NM, Brown MJ: A calcium antagonist, nifedipine, modifies exercise-induced asthma. Thorax 1981 Oct; 36(10):726–30

Barnini C see Oriani G

Baron RC, Murphy FD, Greenberg HB, et al: Norwalk gastrointestinal illness: an outbreak associated with swimming in a recreational lake and secondary person-to-person transmission. Am J Epidemiol 1982 Feb;115(2):163–72

Barták K, Bělobrádek Z, Hlava A, et al: Srovnání výsledku spiroergometrického a koronarografického vyšetření u nemocných s anginou pectoris a po infarktu myokardu. Cas Lek Cesk 1981 Nov 19;120(46):1401–7 (Eng. Abstr.) (Cze)

Bassett C, McClamrock E, Schmelzer M: A 10-week exercise program for senior citizens. Geriatr Nurs (New York) 1982 Mar–Apr;3(2):103–5

Bassey EJ, Macdonald IA, Patrick JM: Factors affecting the heart rate during self-paced walking. Eur J Applied Physiol 1982; 48(1):105–15

Basson AB, Terblanche SE, Oelofsen W: A comparative study on the effects of ageing and training on the levels of lipofuscin in various tissues of the rat. Comp Biochem Physiol [A] 1982; 71(3):369–74

Bates BT see McIntyre DR

Battaglia L see Baccarani G

Baumgartner F, Mutz ID: Schilager für juvenile Diabetiker. Ein Erfahrungsbericht von zwei Schiferienkursen. Padiatr Padol 1982;17(1):95–8 (Eng. Abstr.) (Ger)

Baumstark M see Berg A

Beaglehole R: Marathon running by New Zealand doctors [letter] NZ Med J 1982 Jan 27;95(700):58

Bech B, Pedersen A: Cykelhjulslaesioner. Hyppighed, opståelsesmåde, skadeomfang og profylakse. Ugeskr Laeger 1982 Jan 4;144(1):45–8 (Eng. Abstr.) (Dan)

Bedford AF see Crabtree SD

Bégin R, Bureau MA, Lupien L, et al: Pathogenesis of respiratory insufficiency in myotonic dystrophy: the mechanical factors. Am Rev Respir Dis 1982 Mar;125(3):312–8

Beilin LJ see Joyce DA

Beitz DC see Crandall DL

Beliakova NA see Zaitsev VP

Bell D, Huff G: A digital integrator for The Wingate Test of Anaerobic Capacity. Can J Appl Sport Sci 1981 Dec;6(4):218

Bell D see Illingworth CM

Bell GH: The effects of two breathing patterns on selected physiological parameters during a 200-yard simulated freestyle swim in male swimmers. J Sports Med Phys Fitness 1981 Sep; 21(3):271–8

Bell J, Gruenthal M, Finger S, et al: Behavioral effects of early deprivation of nerve growth factor: some similarities with familial dysautonomia. Brain Res 1982 Feb 25;234(2):409–21

Bell RD, Hoshizaki TB: Relationships of age and sex with range of motion of seventeen joint actions in humans. Can J Appl Sport Sci 1981 Dec;6(4):202–6

Bellavere F, Ewing DJ: Autonomic control of the immediate heart rate response to lying down. Clin Sci 1982 Jan;62(1):57–64

Bělobrádek Z see Barták K

Bengtsson C, Grimby G, Lindquist O, et al: Prognosis of women with exercise-induced ECG changes—results from a longitudinal population study. Cardiology 1981;68 Suppl 2:9–14

Bennett HS, Spiro AJ, Pollack MA, et al: Ipecac-induced myopathy simulating dermatomyositis. Neurology (NY) 1982 Jan;32(1):91–4

Beranek L see Boyer T

Beregovkin AV see Krupina TN

Berezneva ZV see Meerson FZ

Berg A, Johns J, Baumstark M, et al: HDL-cholesterol (HDL-C) changes during and after intensive long-lasting exercise. Int J Sports Med 1981 May;2(2):121–3

Bergad R see McKinnell RG

Bergel RR: Individual assessment procedures for multihandicapped and implementation of a sports program. Int J Rehabil Res 1981; 4(3):365–78

Bergenwald L, Eklund B, Freyschuss U: Circulatory effects in healthy young men of atrial pacing at rest and during isometric handgrip. J Physiol (Lond) 1981 Sep;318:445–53

Berger HJ see Lewis SM

Berger LR: Childhood injuries: recognition and prevention. Curr Probl Pediatr 1981 Nov;12(1):1–59

Berkman LF: Social network analysis and coronary heart disease. Adv Cardiol 1982;29:37–49

Bernard B, Creswell J, Erickson V, et al: Exercise for children with physical disabilities. Issues Compr Pediatr Nurs 1981 Mar–Apr;5(2):99–107

Berner R see Jeanneret O

Bernet A, Drivet-Perrin J, Blanc MM, et al: Type A behavior pattern in a screened female population. Adv Cardiol 1982; 29:96–107

Berra K: Cardiac rehabilitation update. Crit Care Update 1982 Jan; 9(1):30–9

Berry MA see Hadley AT 3d

Bertasso AM see Koretz JF

Bertoni T, Olivieri L, De Ambroggi L, et al: Accuratezza diagnostica delle variazioni del complesso QRS e del tratto ST durante esercizio. Studio in soggetti normali e coronaropatici. G Ital Cardiol 1981;11(6):776–85 (31 ref.) (Eng. Abstr.) (Ita)

Bertolini T, Palmieri G, Bhattacharya S: Beneficial effects of dantrolene sodium in exercise-induced muscle pains: calcium mediated? [letter] Lancet 1982 Mar 13;1(8272):616–7

Besozzi MC see Rizi HR

Betlejewski S, Pisiewicz A: Nasal respiration and physical effort in children. Int J Pediatr Otorhinolaryngol 1981 Dec; 3(4):295–301

Betts J: Sports medicine (2). Common medical problems in sub-aqua sport. Practitioner 1981 Aug;225(1358):1169–74

Beutell NJ see Rosenthal MM

Bhanot JL, Sidhu LS: Maximal anaerobic power in national level Indian players. Br J Sports Med 1981 Dec;15(4):265–8

Bhattacharya S see Bertolini T

PHYSICAL FITNESS/SPORTS MEDICINE

Bhonsle US see **Lele RD**
Bleš E see **Herman ZS**
Bierman CW see **Spiro SG**
Bigalli A see **Puccini E**
Bigelow GE see **Griffiths RR**
Bigler AH see **Cutillo A**
Bihari-Varga M, Székely J, Gruber E: Plasma high density lipoproteins in coronary, cerebral and peripheral vascular disease. The influence of various risk factors. Atherosclerosis 1981 Nov-Dec;40(3-4):337-45
Binkhorst RA see **van Baak MA**
Bird KD see **Christie MJ**
Birrer RB, Rausher H: Office podiatry. Am Fam Physician 1982 Mar;25(3):141-7
Bjelle A, Hagberg M, Michaelson G: Occupational and individual factors in acute shoulder-neck disorders among industrial workers. Br J Ind Med 1981 Nov;38(4):356-63
Björntorp P: The effects of exercise on plasma insulin. Int J Sports Med 1981 Aug;2(3):125-9
Bjure J see **Wilhelmsen L**
Blackburn H see **Wenger NK**
Blaha M see **Dvořák I**
Blair A see **Blair SN**
Blair SN, Ellsworth NM, Haskell WL, et al: Comparison of nutrient intake in middle-aged men and women runners and controls. Med Sci Sports Exerc 1981;13(5):310-5
Blair SN, Blair A, Pate RR, et al: Interactions among dietary pattern, physical activity and skinfold thickness. Res Q Exerc Sport 1981 Dec;52(4):505-11
Blake JW see **Igwe OJ**
Blanc MM see **Bernet A**
Blanchard EB, Jurish SE, Andrasik F, et al: The relationship between muscle discrimination ability and response to relaxation training in three kinds of headaches. Biofeedback Self Regul 1981 Dec;6(4):537-45
Blix AS see **Kjekshus JK**
Blix PM, Boddie-Willis C, Landau RL, et al: Urinary C-peptide: an indicator of beta-cell secretion under different metabolic conditions. J Clin Endocrinol Metab 1982 Mar;54(3):574-80
Bloch C: Heat exhaustion during a mountain climb [letter] S Afr Med J 1982 Mar 6;61(10):342
Block BH, Boxer MC, Richard DJ: Statistical interpretation in podiatry. J Am Podiatry Assoc 1981 Dec;71(12):671-8
Block P, Cornelis J, Nyssen E, et al: Computer analysis of the exercise ECG: new aspects. Acta Cardiol [Suppl] (Brux) 1981; 26 Suppl:29-36
Block P see **Lenaers A**
Blum J, Kranz S: Operation mouthguard: a model program designed to prevent dental trauma. ASDC J Dent Child 1982 Jan-Feb;49(1):22-4
Boccardi L see **Minardi G**
Boddie-Willis C see **Blix PM**
Boev VM: Vliianie napriazhennoĭ deiatel'nosti na funktsional'noe sostoianie struktur mozga. Zh Vyssh Nerv Deiat 1981 Nov-Dec; 31(6):1279-85 (Eng. Abstr.) **(Rus)**
Bogoliubov VM see **Krupina TN**
Bojsen J see **Smith RS**
Bolovin LM see **Kaplan MA**
Bolson EL see **Brown BG**
Bolte HD see **Höfling B**
Bonacossa A, Sterin-Speziale N, Gimeno MF, et al: Effect of corticosterone, hydrocortisone and prostaglandin fatty acid precursors on the spontaneous motility of the uterus isolated from ovariectomized rats. Prostaglandins 1982 Jan;23(1):113-28
Bonde-Petersen F, Suzuki Y: Heart contractility at pressure loads induced by ischemia of exercised muscle in humans. J Appl Physiol 1982 Feb;52(2):340-5
Bondi S, Ciglia C, Mattoscio N, et al: L'ipotensione da sforzo. Minerva Med 1982 Jan 14;73(1-2):67-70 (Eng. Abstr.) **(Ita)**
Bondi S, Ciglia C, Mattoscio N, et al: L acebutololo nel trattamento dell'ipertensione arteriosa reattiva da sforzo. Studio aperto a medio termine. Minerva Med 1982 Jan 14;73(1-2):61-6 (Eng. Abstr.) **(Ita)**
Bonow RO see **Kent KM**
Bopp J see **Nguyen NU**
Borda ES see **Franchi AM**
Borer JS see **Miller DH**
Borkman TS, Hickey AA, Ayer WA: Recreational and community activities of dentists. Soc Sci Med [a] 1981 Dec;15A(6):761-5
Bossuyt A, Deconinck F, Demoor D, et al: Application of a temporal Fourier transform for evaluation of regional wall motion disturbances by radionuclide ventriculography at rest and at exercise. Acta Cardiol [Suppl] (Brux) 1981;26 Suppl:105-11
Bouchard C see **Meleski BW**
Bourassa MG see **Waters DD**
Bove AA see **Hultgren PB**
Bowman RA, Dunn JM: Effect of peer presence on psychomotor measures with EMR children. Except Child 1982 Feb; 48(5):449-51
Bowne DW: Physical fitness programs for industry - an extravagance or a wise investment? Trans Assoc Life Insur Med Dir Am 1980;64:210-25
Boxer MC see **Block BH**
Boyden TW, Pamenter RW, Stanforth P, et al: Evidence for mild thyroidal impairment in women undergoing endurance training. J Clin Endocrinol Metab 1982 Jan;54(1):53-6
Boyden TW, Pamenter RW, Grosso D, et al: Prolactin responses, menstrual cycles, and body composition of women runners. J Clin Endocrinol Metab 1982 Apr;54(4):711-4
Boyer T, Delaire M, Beranek L, et al: Fréquence des antécédents de pratique sportive chez les sujets atteints d'arthrose symptomatique. Une étude contrôlée. Rev Rhum Mal Osteoartic 1981 Dec;48(12):793-7 (Eng. Abstr.) **(Fre)**
Bradley BL see **Stein DA**
Bradley GW, Hale T, Pimble J, et al: Effect of vagotomy on the breathing pattern and exercise ability in emphysematous patients. Clin Sci 1982 Mar;62(3):311-9
Bradwell AR, Delamere JP: The effect of acetazolamide on the proteinuria of altitude. Aviat Space Environ Med 1982 Jan; 53(1):40-3
Bragg DA see **Taylor CB**
Brammell HL see **Sable DL**
Brammert M see **Manhem P**
Brand RA see **Crowninshield RD**
Brandenberger G, Follenius M, Hietter B: Feedback from meal-related peaks determines diurnal changes in cortisol response to exercise. J Clin Endocrinol Metab 1982 Mar; 54(3):592-6
Braun S see **Corbalán R**
Bravený P see **Zemánková J**
Breckenridge A: Jogger's blockade [editorial] Br Med J [Clin Res] 1982 Feb 20;284(6315):532-3
Brennan MF see **Aoki TT**
Brévers G, Scholl JM, Chaitman BR, et al: Intérêt de l'électrocardiogramme à l'effort et de la scintigraphie myocardique au thallium dans l'évaluation des patients référés pour angioplastie coronarienne transluminale percutanée. Union Med Can 1982 Jan;111(1):32-6, 78 (Eng. Abstr.) **(Fre)**
Bright TP, Sandage BW Jr, Fletcher HP: Selected cardiac and metabolic responses to pseudoephedrine with exercise. J Clin Pharmacol 1981 Nov-Dec;21(11-12 Pt 1):488-92
Brissot RB see **Susset JG**
Britvan L see **Targan S**
Brockman RP, Halvorson R: Glucose, glucagon, and insulin during adrenergic blockade in exercising sheep. J Appl Physiol 1982 Feb;52(2):315-9
Brodan V see **Veselková A**
Brooks N, Cattell M, Jennings K, et al: Isolated disease of left anterior descending coronary artery. Angiocardiographic and clinical study of 218 patients. Br Heart J 1982 Jan;47(1):71-7
Broso G see **Corallo S**
Broustet JP, Coue JC, Pic A, et al: Predictive value of symptom-limited exercise testing for life expectancy in inoperable coronary patients with disabling angina. Cardiology 1981;68 Suppl 2:114-23
Brown BG, Bolson EL, Dodge HT: Arteriographic assessment of coronary atherosclerosis. Review of current methods, their limitations, and clinical applications. Arteriosclerosis 1982 Jan-Feb;2(1):2-15 (68 ref.)
Brown K see **Adler J**
Brown MJ see **Barnes PJ**
Brownell KD, Bachorik PS, Ayerle RS: Changes in plasma lipid and lipoprotein levels in men and women after a program of moderate exercise. Circulation 1982 Mar;65(3):477-84
Brownell KD, Kaye FS: A school-based behavior modification, nutrition education, and physical activity program for obese children. Am J Clin Nutr 1982 Feb;35(2):277-83
Brozin IH, Martfel J, Goldberg I, et al: Traumatic closed femoral nerve neuropathy. J Trauma 1982 Feb;22(2):158-60
Bruce RA, Hossack KF, DeRouen TA: Predictive value of symptom-limited exercise for risk assessment of primary and secondary events due to coronary heart disease in men. Cardiology 1981;68 Suppl 2:15-26
Bruce RA see **Hossack KF**
Bründler H see **Pfisterer M**
Brutsaert DL see **Goethals MA**
Brutsaert DL see **Stephens NL**
Bruzek W see **Diener HC**
Bryan AC see **Tabachnik E**
Buchta RM: A ruptured spleen due to body surfing. J Adolesc Health Care 1981 Jun;1(4):317-8
Bundgaard A, Pedersen JZ, Schmidt A, et al: Skal stabil asthma behandles med nebulisator eller spray? Ugeskr Laeger 1981 Oct 26;143(44):2878-80 (Eng. Abstr.) **(Dan)**
Bundgaard A, Schmidt A: Pretreatment of exercise-induced asthma by fenoterol delivered as inhalation powder and pressurized aerosol. Ann Allergy 1982 Jan;48(1):36-9
Bundgaard A, Schmidt A: Medikamentel behandling af anstrengelsesudløst asthma. Ugeskr Laeger 1981 Oct 26;

143(44):2876–8 (Eng. Abstr.) (Dan)
Bundgaard A, Ingemann-Hansen T, Schmidt A, et al: Anstrengelsesudløst asthma. Ugeskr Laeger 1981 Oct 26; 143(44):2869–71 (Eng. Abstr.) (Dan)
Bünger U see **Steinhardt M**
Buono MJ, Constable SH, Morton AR, et al: The effect of an acute bout of exercise on selected pulmonary function measurements. Med Sci Sports Exerc 1981;13(5):290–3
Buonomini G see **Puccini E**
Bureau MA see **Bégin R**
Burkart F see **Pfisterer M**
Burke DJ, Dasse K, Ullrick WC: Simple digital instrument for time measurement in muscle mechanics. Med Biol Eng Comput 1981 Nov;19(6):786–8
Burke ER, Fleck S, Dickson T: Post-competition blood lactate concentrations in competitive track cyclists. Br J Sports Med 1981 Dec;15(4):242–5
Burke LE: Current concepts of cardiac rehabilitation. Occup Health Nurs 1981 Dec;29(12):41–7
Burke RE see **Pinter MJ**
Burkett LN see **Cosley DL**
Burkhart SS, Wood MB, Linscheid RL: Posttraumatic recurrent subluxation of the extensor carpi ulnaris tendon. J Hand Surg 1982 Jan;7(1):1–3
Burt RW see **Faris JV**
Butcher RE, Wootten V, Vorhees CV: Standards in behavioral teratology testing: test variability and sensitivity. Teratogenesis Carcinog Mutagen 1980;1(1):49–61
Butler TM, Siegman MJ: Chemical Energetics of contraction in mammalian smooth muscle. Fed Proc 1982 Feb;41(2):204–8
Butt WS see **Morrison JB**
Bykov BL see **Izakov VIa**

C

Cabric M see **James NT**
Caiozzo VJ, Perrine JJ, Edgerton VR: Training-induced alterations of the in vivo force-velocity relationship of human muscle. J Appl Physiol 1981 Sep;51(3):750–4
Camp EM see **Gass GC**
Campbell DE, Glenn W: Rehabilitation of knee flexor and knee extensor muscle strength in patients with meniscectomies, ligamentous repairs, and chondromalacia. Phys Ther 1982 Jan; 62(1):10–5
Candau LA, Tasca R, Carvalho DM, et al: Ação do verapamil como agente hipotensor – análise da curva de pressão arterial em teste cicloergométrico. Arq Bras Cardiol 1981 Mar;36 Suppl 1:18–23 (Eng. Abstr.) (Por)
Candotti C see **Pirelli S**
Canepele N see **Attinà DA**
Canibal J see **Vávra P**
Capasso JM, Remily RM, Sonnenblick EH: Alterations in mechanical properties of rat papillary muscle during maturation. Am J Physiol 1982 Mar;242(3):H359–64
Caputo AA see **Alfredo de Alba J**
Caralt Mestres E see **Artigas Raventos V**
Caramori JA see **Nobre F**
Cardinaud R: 'Artificial' myosin isozymes: preparation and characteristics. Eur J Biochem 1982 Mar 1;122(3):527–33
Carey RJ, Shute RE: Sports trauma management and the high school nurse. J Sch Health 1982 Mar;52(3):156–8
Carlyle RF see **Chauhan J**
Carrasco H see **Molina A**
Carrasco RM, da Rocha MM, Luna RL: Comportamento da curva tensional ao esforço ergométrico, em hipertensos tratados e não tratados. Arq Bras Cardiol 1981 Mar;36 Suppl 1:24–32 (Eng. Abstr.) (Por)
Carrière L see **Fleury M**
Carroll LR see **Zohman LR**
Carroll R: Tennis elbow: incidence in local league players. Br J Sports Med 1981 Dec;15(4):250–6
Carroll RG see **Opdyke DF**
Carruth BR, Iszler J: Assessment and conservative management of the overfat adolescent. J Adolesc Health Care 1981 Jun; 1(4):289–99
Carson P see **Prosser G**
Carvalho DM see **Candau LA**
Caso P see **Ferrante MR**
Cassidy PS, Kerrick WG, Hoar PE, et al: Exogenous calmodulin increases Ca2+ sensitivity of isometric tension activation and myosin phosphorylation in skinned smooth muscle. Pflugers Arch 1981 Dec;392(2):115–20
Castro M, Descamps R, Thomis JA: Electrocardiographic changes after long-term treatment with sotalol in hypertensive patients. Int J Clin Pharmacol Ther Toxicol 1982 Feb;20(2):88–91
Catalucci G see **Marroni A**
Catania R see **Sowers J**
Cathcart F, Millward G: Slimming groups: shedding down to size. Nurs Mirror 1981 Dec 9;153(24):44–6
Catley DM see **Milledge JS**
Cattell M see **Brooks N**
Cetti R, Christensen SE, Reuther K: Ruptured achilles tendons treated surgically under local anaesthesia. Acta Orthop Scand 1981 Dec;52(6):675–7
Chabdarova RN see **Katkov AIu**
Chaconas SJ see **Alfredo de Alba J**
Chaen S, Kometani K, Yamada T, et al: Substrate-concentration of dependences of tension, shortening velocity and ATPase activity of glycerinated single muscle fibers. J Biochem (Tokyo) 1981 Dec;90(6):1611–21
Chaitman BR see **Brévers G**
Chakroun R, Niethals E, Pottier-Arnould AM, et al: Physical exercise and carbohydrate and lipid metabolism. Acta Cardiol [Suppl] (Brux) 1981;27:51–68
Chamorro G see **Corbalán R**
Chana GS, Tubbs N: Early results of arthroscopic surgery of the knee. Injury 1981 Nov;13(3):227–9
Chang HH see **Tsung SH**
Chapman DI, Haywood PE, Lloyd P: Occurrence of glycosuria in horses after strenuous exercise. Equine Vet J 1981 Oct; 13(4):259–60
Charchoglian RA, Golikov AP, Zingerman LS, et al: Komp'iuternyĭ analiz proby s fizicheskoĭ nagruzkoĭ. Sov Med 1982;(1):3–7 (Eng. Abstr.) (Rus)
Charles TJ see **Hartley JP**
Chatterjee BB see **Samanta A**
Chatterjee K, Rouleau JL, Parmley WW: Captopril – an oral angiotensin-converting enzyme inhibitor in CHF. Acta Med Scand [Suppl] 1981;(652):181–7
Chaud M see **Franchi AM**
Chauhan J, Darbre A, Carlyle RF: Determination of urinary amino acids by means of glass capillary gas-liquid chromatography with alkali-flame ionisation detection and flame ionisation detection. J Chromatogr 1982 Feb 12;227(2):305–21
Chechick A see **Israeli A**
Cherif A see **Felig P**
Chernov VD, Fabri ZI, Pashchenko AE, et al: Obmen ioda v tkaniakh krys pri fizicheskikh nagruzkakh. Ukr Biokhim Zh 1981 Nov–Dec;53(6):83–6 (Eng. Abstr.) (Rus)
Chesher GB see **Christie MJ**
Chetverikova EP see **Rozanova NA**
Chevigne M see **Rigo P**
Chick RP, Collins HR, Rubin BD, et al: The pes anserinus transfer. A long-term follow-up. J Bone Joint Surg [Am] 1981 Dec; 63-A(9):1449–52
Chin ML see **Zakus G**
Chmir VP see **Ianovskiĭ GV**
Chong KC, Letts RM, Cumming GR: Influence of spinal curvature on exercise capacity. J Pediatr Orthop 1981;1(3):251–4
Christen A see **Dagenais GR**
Christensen SE see **Cetti R**
Christiansen P see **Andersen GS**
Christie MJ, Chesher GB, Bird KD: The correlation between swim-stress induced antinociception and [3H] leu-enkephalin binding to brain homogenates in mice. Pharmacol Biochem Behav 1981 Dec;15(6):853–7
Christie MJ, Dvonch VM: Tibial tuberosity avulsion fracture in adolescents. J Pediatr Orthop 1981;1(4):391–4
Christina RW see **Margolis JF**
Chrysant SG, Luu TM, Danisa K: Hemodynamic correlates of autonomic reflexes in patients with labile and fixed hypertension. Clin Exp Hypertens 1981;3(6):1109–19
Ciampolini M, Savini P, Olivieri V: Effetti sulla diarrea, sul sottocutaneo, sulla crescita, sull'emoglobina di correzioni della condotta alimentare e dei consumi metabolici in 18 bambini con diarrea cronica aspecifica. Minerva Pediatr 1981 Nov 30; 33(22):1081–7 (Eng. Abstr.) (Ita)
Ciglia C see **Bondi S**
Cikos J see **Topalov V**
Claes VA see **Stephens NL**
Clark MA see **Virmani R**
Clarke WR see **Martin RK**
Clarkson PM, Kroll W, Melchionda AM: Isokinetic strength, endurance, and fiber type composition in elite American paddlers. Eur J Applied Physiol 1982;48(1):67–76
Clinger RD: The 1981 Outstanding Team Physician Awards. Ohio State Med J 1981 Nov;77(11):649–51
Clinton M see **Vaccaro P**
Cluzan R see **Rocquelin G**
Cobb NG see **Woo SL**
Cobelli F see **Vecchio C**
Cokkinos DV, Patsouros KD, Klotsotiras G, et al: Evaluation of antianginal drug treatment by precordial exercise electrocardiography. Cardiology 1981;68 Suppl 2:141–6
Cole P, Forsyth R, Haight JS: Respiratory resistance of the oral airway. Am Rev Respir Dis 1982 Mar;125(3):363–5
Collins HR see **Chick RP**
Colt E see **Milvy P**
Coluccio LM see **Koretz JF**

PHYSICAL FITNESS/SPORTS MEDICINE

Comess KA, Fenster PE: Clinical implications of the blood pressure response to exercise. Cardiology 1981;68(4):233–44 (26 ref.)

Conde MV see Estrada C

Condon B see Harris D

Conlee RK, Dalsky GP, Robinson KC: The influence of free fatty acids on glycogen recovery in rat heart after exercise. Eur J Applied Physiol 1981;47(4):377–83

Conley DL: Percentage of maximal heart rate and distance running performance of highly trained athletes. J Sports Med Phys Fitness 1981 Sep;21(3):233–7

Conley DL, Krahenbuhl GS, Burkett LN, et al: Physiological correlates of female road racing performance. Res Q Exerc Sport 1981 Dec;52(4):441–8

Conn EH, Williams RS, Wallace AG: Exercise responses before and after physical conditioning in patients with severely depressed left ventricular function. Am J Cardiol 1982 Feb 1; 49(2):296–300

Constable SH see Buono MJ

Convertino VA see Shvartz E

Cooper H Jr see Zakus G

Corallo S, Broso G, Pirastu A, et al: L'ecocardiografia da sforzo nello studio computerizzato della funzione ventricolare sinistra. G Ital Cardiol 1981;11(8):1072–82 (Eng. Abstr.) (Ita)

Corbalán R, Braun S, Chamorro G, et al: Efecto de la amiodarona sobre arritmias ventriculares, evaluado mediante pruebas de esfuerzo seriadas. Rev Med Chil 1981 Apr;109(4):324–31 (Eng. Abstr.) (Spa)

Corbara F see Melacini P

Corey P see Cox M

Cornelis J see Block P

Corona G see Ferrante MR

Corte P see Young IH

Costa FV see Ambrosioni E

Costill DL, Coté R, Fink WJ, et al: Muscle water and electrolyte distribution during prolonged exercise. Int J Sports Med 1981 Aug;2(3):130–4

Costill DL see Ivy JL

Costill DL see Sherman WM

Coté R see Costill DL

Cottrill CM see Kotchen TA

Coue JC see Broustet JP

Coughlin P, Gibbs CL: Cardiac energetics in short and long term hypertrophy induced by aortic coarctation. Cardiovasc Res 1981 Nov;15(11):623–31

Coulson RL: Isolated while heart calorimetry: energetics of length–dependent activation. Fed Proc 1982 Feb;41(2):199–203

Courtright JB see Fitts RH

Coutts KD see Rhodes EC

Cox M, Shephard RJ, Corey P: INfluence of an employee fitness programme upon fitness, productivity and absenteeism. Ergonomics 1981 Oct;24(10):795–806

Coyle EF, Feiring DC, Rotkis TC, et al: Specificity of power improvements through slow and fast isokinetic training. J Appl Physiol 1981 Dec;51(6):1437–42

Crabtree SD, Bedford AF, Edgar MA: The value of arthrography and arthroscopy in association with a sports injuries clinic: a prospective and comparative study of 182 patients. Injury 1931 Nov;13(3):220–6

Craig BW, Hammons GT, Garthwaite SM, et al: Adaptation of fat cells to exercise: response of glucose uptake and oxidation to insulin. J Appl Physiol 1981 Dec;51(6):1500–6

Craig M see Adler J

Crandall DL, Griffith DR, Beitz DC: Protection against the cardiotoxic effect of isoproterenol–HCl by dietary polyunsaturated fatty acids and exercise. Toxicol Appl Pharmacol 1982 Jan;62(1):152–7

Crapo PA: Sugar and sugar alcohols. ASDC J Dent Child 1982 Mar–Apr;49(2):136–8 (16 ref.)

Crawford MH: Noninvasive assessment of patients with ischemic heart disease. Curr Probl Cardiol 1981 Oct;6(7):1–50

Crawford MH, Ludden TM, Kennedy GT, et al: Hemodynamic effects of N–acetylprocainamide in heart disease. Clin Pharmacol Ther 1982 Apr;31(4):459–65

Creswell J see Bernard B

Cromer R see Honigman B

Crompton JL, Vedlitz A, Lamb CW Jr: Recreational activity clustering among adolescents. Res Q Exerc Sport 1981 Dec; 52(4):449–57

Crow M see Kushmerick MJ

Crow MT, Kushmerick MJ: Myosin light chain phosphorylation is associated with a decrease in the energy cost for contraction in fast twitch mouse muscle. J Biol Chem 1982 Mar 10; 257(5):2121–4

Crow MT, Kushmerick MJ: Chemical energetics of slow– and fast–twitch muscles of the mouse. J Gen Physiol 1982 Jan; 79(1):147–66

Crowninshield RD, Brand RA: A physiologically based criterion of muscle force prediction in locomotion. J Biomech 1981; 14(11):793–801

Cumming GR see Chong KC

Cunningham DA, Stapleton JJ, MacDonald IC, et al: Daily energy expenditure of young boys as related to maximal aerobic power. Can J Appl Sport Sci 1981 Dec;6(4):207–11

Cunningham DA see Thomas SG

Cutillo A, Bigler AH, Perondi R, et al: Exercise and distribution of inspired gas in patients with obstructive pulmonary disease. Bull Eur Physiopathol Respir 1981 Nov–Dec;17(6):891–901

D

Dachà M see Fornaini G

Daffner RH, Martinez S, Gehweiler JA: Stress fractures in runners. JAMA 1982 Feb 19;247(7):1039–41

Dagenais GR, Rouleau JR, Christen A, et al: Survival of patients with a strongly positive exercise electrocardiogram. Circulation 1982 Mar;65(3):452–6

Dahl R see Henriksen JM

Dalsky GP see Conlee RK

Daniels WL, Wright JE, Sharp DS, et al: The effect of two years' training on aerobic power and muscle strength in male and female cadets. Aviat Space Environ Med 1982 Feb;53(2):117–21

Danisa K see Chrysant SG

Danzig L see Strizak AM

Darbre A see Chauhan J

Darke AC see Thadani U

da Rocha MM see Carrasco RM

Darre E see Hammer A

Dasse K see Burke DJ

Date C see Okuda T

Datta AK, Stephens JA: The effects of digital nerve stimulation on the firing of motor units in human first dorsal interosseous muscle. J Physiol (Lond) 1981 Sep;318:501–10

Davidheiser S, Davies RE: Energy utilization by Limulus telson muscle at different sarcomere and A–band lengths. Am J Physiol 1982 Mar;242(3):R394–400

Davidoff R, Diamond TH, Goldman AP, et al: Lack of correlation between the clinical assessment of cardiovascular status and exercise electrocardiography. S Afr Med J 1982 Apr 10; 61(15):542–3

Davidoff R, Diamond TH, Goldman AP, et al: Correlation of ventricular ectopic activity and exercise–related ST–segment changes. S Afr Med J 1982 Apr 10;61(15):539–42

Davies CJ see Hartley JP

Davies CT, White MJ: Muscle weakness following eccentric work in man. Pflugers Arch 1981 Dec;392(2):168–71

Davies RA, Laks H, Wackers FJ, et al: Radionuclide assessment of left ventricular function in patients requiring intraoperative balloon pump assistance. Ann Thorac Surg 1982 Feb;33(2):123–31

Davies RE see Davidheiser S

Davis GM, Shephard RJ, Jackson RW: Cardio–respiratory fitness and muscular strength in the lower–limb disabled. Can J Appl Sport Sci 1981 Dec;6(4):159–65

Davis GM, Kofsky PR, Kelsey JC, et al: Cardiorespiratory fitness and muscular strength of wheelchair users. Can Med Assoc J 1981 Dec 15;125(12):1317–23 (67 ref.)

Davis HA see Gass GC

Davis RG: Teaching ideas: cardiovascular health. An elementary fitness program that works. Health Educ (Wash) 1982 Jan–Feb; 13(1):54

Davis RR, Hull ML: Measurement of pedal loading in bicycling: II. Analysis and results. J Biomech 1981;14(12):857–72

Davis RR see Hull ML

Dawber TR see Kannel WB

Dawes C: The effects of exercise on protein and electrolyte secretion in parotid saliva. J Physiol (Lond) 1981 Nov;320:139–48

De Ambroggi L see Bertoni T

Deanfield J, Jonathan A, Selwyn A, et al: Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. Cardiology 1981;68 Suppl 2:186–9

Deanfield J see Fox KM

De Backer GG, Weyne T, Derese A: Prognostic value of exercise testing: a 6–year follow–up in post–myocardial infarction patients. Cardiology 1981;68 Suppl 2:71–7

De Biase AM see De Ponti C

Deconinck F see Bossuyt A

DeFelice EA see Kostis JB

DeFronzo RA, Ferrannini E, Sato Y, et al: Synergistic interaction between exercise and insulin on peripheral glucose uptake. J Clin Invest 1981 Dec;68(6):1468–74

Degre S, Longo B, Thirion M, et al: Analysis of exercise–induced R–wave–amplitude changes in detection of coronary artery disease in patients with typical or atypical chest pain under digitalis treatment. Cardiology 1981;68 Suppl 2:178–85

Dehlin O, Jäderberg E: Perceived exertion during patient lifts. An evaluation of the importance of various factors for the subjective strain during lifting and carrying of patients. A study at a geriatric hospital. Scand J Rehabil Med 1982;14(1):11–20

Delaire M see Boyer T

Delamere JP see Bradwell AR

PHYSICAL FITNESS/SPORTS MEDICINE

Del Baccaro MA see Hume RI

Delwaide PJ, Toulouse P: Facilitation of monosynaptic reflexes by voluntary contraction of muscle in remote parts of the body. Mechanisms involved in the Jendrassik Manoeuvre. Brain 1981 Dec;104(Pt 4):701–9

De Meersman RE, Wilkerson JE: Judo nephropathy: trauma versus non-trauma. J Trauma 1982 Feb;22(2):150–2

De Mey JG, Vanhoutte PM: Role of the intima in cholinergic and purinergic relaxation of isolated canine femoral arteries. J Physiol (Lond) 1981 Jul;316:347–55

Demoor D see Bossuyt A

Denolin H see Riviere A

De Ponti C, De Biasi AM, Pirelli S, et al: Effects of nifedipine, acebutolol, and their association on exercise tolerance in patients with effort angina. Cardiology 1981;68 Suppl 2:195–9

DeQuattro V see Sullivan PA

Derese A see De Backer GG

De Ridder A see Van Nueten JM

DeRouen TA see Bruce RA

Descamps R see Castro M

de Swiniarski R, Matassé M, Tanche M: Plethysmography study and pulmonary function in well-trained adolescents. Bull Eur Physiopathol Respir 1982 Jan--Feb;18(1):39–49

Detry JM, Abouantoun S, Wyns W: Incidence and prognostic implications of severe ventricular arrhythmias during maximal exercise testing. Cardiology 1981;68 Suppl 2:35–43

DeWys WD: Pathophysiology of cancer cachexia: current understanding and areas for future research. Cancer Res 1982; 42(2 Suppl):721s–726s

Diamond S, Medina JL: Prolonged benign exertional headache: clinical characteristics and response to indomethacin. Adv Neurol 1982;33:145–9

Diamond S: Benign exertional headaches. Postgrad Med 1982 Mar; 71(3):244–5

Diamond TH see Davidoff R

DiCarlo SE: Improved cardiopulmonary status after a two-month program of graded arm exercise in a patient with C6 quadriplegia. A case report. Phys Ther 1982 Apr;62(4):456–9

Dichgans J see Diener HC

Dickhuth HH, Simon G, Heiss HW, et al: Comparative echocardiographic examinations in sitting and supine position at rest and during dynamic exercise. Int J Sports Med 1981 Aug; 2(3):178–81

Dickson T see Burke ER

Diener HC, Dichgans J, Bruzek W, et al: Stabilization of human posture during induced oscillations of the body. Exp Brain Res 1982;45(1–2):126–32

Dietze GJ: Modulation of the action of insulin in relation to the energy state in skeletal muscle tissue: possible involvement of kinins and prostaglandins. Mol Cell Endocrinol 1982 Feb; 25(2):127–49 (203 ref.)

Dillon PF, Murphy RA: Tonic force maintenance with reduced shortening velocity in arterial smooth muscle. Am J Physiol 1982 Jan;242(1):C102–8

Di Pasquale G see Pinelli G

Ditunno JF see Jawad MM

Divgi CR see Lele RD

Dobo SS, Tabol ID, Zinenko GM, et al: Opyt primeneniia testa s maksimal'noi fizicheskoi nagruzkoi na tredmile u shkol'nikov. Ter Arkh 1981;53(12):37–40 (Eng. Abstr.) (Rus)

Dobrzański T, Rychta T, Zurowski S, et al: Chronoendocrinological studies in athletes. III. Certain psychoendocrinological correlations. Acta Physiol Pol 1981 Sep–Oct;32(5):521–7

Dobrzański T, Zurowski S, Grabas W: Chromoendocrinological studies in athletes. IV. Multiple hormonal responses to submaximal muscular exercise. Acta Physiol Pol 1981 Sep–Oct; 32(5):529–36

Dodge HT see Brown BG

Dohm GL, Williams RT, Kasperek GJ, et al: Increased excretion of urea and N tau -methylhistidine by rats and humans after a bout of exercise. J Appl Physiol 1982 Jan;52(1):27–33

Dojmi Di Delupis G, Magnatti P, Serafini C, et al: Lo studio del fitoplancton in aree marine balneari. Ann Ist Super Sanita 1981; 17(2):171–88 (Eng. Abstr.) (Ita)

Donald DE see Melcher A

Donaldson R see Taggart P

Doncheva T see Angelov I

Dorchy H see Baran D

Dorey F see Targan S

Dostal WF, Andrews JG: A three-dimensional biomechanical model of hip musculature. J Biomech 1981;14(11):803–12

Doust JH, Patrick JM: The limitation of exercise ventilation during speech. Respir Physiol 1981 Nov;46(2):137–47

Douste-Blazy MY see Fouron JC

Dressendorfer RH, Wade CE, Hornick C, et al: High-density lipoprotein-cholesterol in marathon runners during a 20-day road race. JAMA 1982 Mar 26;247(12):1715–7

Dressendorfer RH, Smith JL, Amsterdam EA, et al: Reduction of submaximal exercise myocardial oxygen demand post-walk training program in coronary patients due to improved physical work efficiency. Am Heart J 1982 Mar;103(3):358–62

Drewczyński A: Zmiany zdolności wysiłkowych u kobiet wykonujących zawodowo pracę o różnym koszcie energetycznym. Przegl Lek 1981;38(9):685–8 (Eng. Abstr.) (Pol)

Drivet-Perrin J see Bernet A

Droste C see Samek L

Druck MN see Bar-Shlomo BZ

Ducharme G see Fouron JC

Dufaux B, Hoederath A, Streitberger I, et al: Serum ferritin, transferrin, haptoglobin, and iron in middle- and long-distance runners, elite rowers, and professional racing cyclists. Int J Sports Med 1981 Feb;2(1):43–6

Dufaux B, Assmann G, Schachten H, et al: The delayed effects of prolonged physical exercise and physical training on cholesterol level. Eur J Applied Physiol 1982;48(1):25–9

Dufek P, Pink M: Diagnóza a léčení takzvaného plika syndromu kolenního kloubu. Acta Chir Orthop Traumatol Cech 1981; 48(6):517–21 (Eng. Abstr.) (Cze)

Dulhunty AF: Effects of membrane potential on mechanical activation in skeletal muscle. J Gen Physiol 1982 Feb; 79(2):233–51

Duling BR see Proctor KG

Dumasia MC see Houghton E

Dumoulin G see Nguyen NU

Dunham MJ see Edwards MJ

Dunn FG, Hillis WS, Tweddel A, et al: Non-invasive cardiovascular assessment of indapamide in patients with essential hypertension. Postgrad Med J 1981;57 Suppl 2:19–22

Dunn JM see Bowman RA

Dvonch VM see Christie MJ

Dvořák I, Blaha M, Zemánková J, et al: Krevní tlak při izometrické zátěži. Cas Lek Cesk 1981;120(52):1599–1601 (Eng. Abstr.) (Cze)

Dvořák I see Stejfa M

Dvořák I see Zemánková J

Dvořák M see Toulová M

Dziedziczko A, Tujakowski J: Praktyczne znaczenie badania reaktywności oskrzeli wo rozpoznawaniu dychawicy oskrzelowej i skłonności do tej choroby u poborowych. Pol Tyg Lek 1981 Aug 24;36(34):1301–4 (Eng. Abstr.) (Pol)

E

Eckert EA see Koopman JS

Eckert V see Grepl J

Edgar MA see Crabtree SD

Edgerton VR see Caiozzo VJ

Edgerton VR see Gardiner KR

Edgerton VR see Gregor RJ

Edwards MJ, Metcalfe J, Dunham MJ, et al: Accelerated respiratory response to moderate exercise in late pregnancy. Respir Physiol 1981 Sep;45(3):229–41

Edwards RH see Isenberg DA

Efremova GV see Shorin IuP

Eggleston PA see König P

Egloff C see Melacini P

Ehsani AA see Heath GW

Eisalo A see Viitasalo MT

Ekholm I see Malmqvist R

Eklund B see Bergenwald L

Ekström-Jodal B see Wilhelmsen L

Elder GC see MacDougall JD

Ellestad MH, Greenberg PS: Multivariate approach to the treadmill stress test: prospective study. Cardiology 1981;68 Suppl 2:27–34

Ellsworth NM see Blair SN

Elsner R see Kjekshus JK

Emes CG: Fitness and the physically disabled. A review. Can J Appl Sport Sci 1981 Dec;6(4):176–8 (23 ref.)

Eng C see Patterson RE

England D see Fox K

Erben J see Havel V

Erenstone R, Miller NP, Silagy ZS: Optometry at the 1980 Winter Olympics. J Am Optom Assoc 1981 Aug;52(8):647–9

Erickson V see Bernard B

Ericsson M see Järhult J

Erie GL see Huey RB

Eriksen J see Thaulow E

Eriksson E: Rehabilitation of muscle function after sport injury – major problem in sports medicine. Int J Sports Med 1981 Feb; 2(1):1–6

Eriksson E, Häggmark T, Kiessling KH, et al: Effect of electrical stimulation on human skeletal muscle. Int J Sports Med 1981 Feb;2(1):18–22

Eriksson E see Arvidsson I

Eroğlu L see Koyuncuoğlu H

Esher RJ see Wolfe JL

Eskildsen P see Kelbaek H

Essén B, Fohlin L, Thorén C, et al: Skeletal muscle fibre types

PHYSICAL FITNESS/SPORTS MEDICINE

and sizes in anorexia nervosa patients. Clin Physiol 1981 Aug; 1(4):395–403

Estrada C, Conde MV, Balfagón G, et al: Relaxation of isolated middle cerebral artery induced by diazoxide. Blood Vessels 1981; 18(6):303–10

Evans EP, Tew B: The energy expenditure of spina bifida children during walking and wheelchair ambulation. Z Kinderchir 1981 Dec;34(4):425–7

Evans J see **Wilson BA**

Evenson MK see **Awan NA**

Ewing DJ see **Bellavere F**

Eyster ME see **Senft KR**

F

Fabián J, Vojáček J, Janota M, et al: Prognóza nemocných s ischemickou chorobou srdeční. Význam submaximálního zátěžového EKG testu a koronarografického nálezu. Vnitr Lek 1981 Dec;27(12):1167–76 (Eng. Abstr.) (Cze)

Fabri ZI see **Chernov VD**

Faccioli R see **Bardelli M**

Fagot TG see **Thorland WG**

Falck B, Partanen J: Polkupyöräilijän pareesi. Duodecim 1982; 98(1):44–8 (Eng. Abstr.) (Fin)

Falconer J see **Pettigrew P**

Falorni P see **Attinà DA**

Faris JV, Burt RW, Graham MC, et al: Thallium–201 myocardial scintigraphy: improved sensitivity, specificity and predictive accuracy by application of a statistical image analysis algorithm. Am J Cardiol 1982 Mar;49(4):733–42

Farrar RP, Martin TP, Abraham LD, et al: The interaction of endurance running and ethanol on skeletal muscle mitochondria. Life Sci 1982 Jan 4;30(1):67–75

Farrell PA, Maksud MG, Pollock ML, et al: A comparison of plasma cholesterol, triglycerides, and high density lipoprotein–cholesterol in speed skaters, weightlifters and non–athletes. Eur J Applied Physiol 1982;48(1):77–82

Fedortsov KK, Kuz'min SN, Kozlova NN, et al: Standartizatsiia opredeleniia aktivnosti lizotsima metodom diffuzii v agarovom gele. Lab Delo 1981;(12):735–6 (Eng. Abstr.) (Rus)

Feigl EO see **Rooke GA**

Feiring DC see **Coyle EF**

Feltová S, Novák M: Pozátěžový bronchospasmus a respirační reakce na zátěž. Vnitr Lek 1981 Dec;27(12):1202–8 (Eng. Abstr.) (Cze)

Feltová S, Novák M, Siegelová J, et al: Zátěžový test u pracovníku v lesním hospodářství. Vnitr Lek 1982 Jan;28(1):38–44 (Eng. Abstr.) (Cze)

Fekete MI, Szentendrei T, Kanyicska B, et al: Effects of anxiolytic drugs on the catecholamine and DOPAC (3, 4–dihydroxyphenylacetic acid) levels in brain cortical areas and on corticosterone and prolactin secretion in rats subjected to stress. Psychoneuroendocrinology 1981;6(2):113–20

Feldman AG, Latash ML: Afferent and efferent components of joint position sense; interpretation of kinaesthetic illusion. Biol Cybern 1982;42(3):205–14

Felig P, Cherif A, Minagawa A, et al: Hypoglycemia during prolonged exercise in normal men. N Engl J Med 1982 Apr 15; 306(15):895–900

Felig P see **Ahlborg G**

Fell RD, Terblanche SE, Ivy JL, et al: Effect of muscle glycogen content on glucose uptake following exercise. J Appl Physiol 1982 Feb;52(2):434–7

Fenster PE see **Comess KA**

Fernandez DL, Gerber C: Handgelenksverletzungen beim Wintersport. Schweiz Z Sportmed 1981 Dec;29(4):121–8 (Eng. Abstr.) (Ger)

Fernandez DL see **Gerber C**

Fernandez HL: Properties of 16S acetylcholinesterase from rat motor nerve skeletal muscle. Neurochem Res 1981 Sep; 6(9):1005–17

Ferrannini E see **DeFronzo RA**

Ferrante MR, Caso P, Corona G, et al: Correlazione fra prove ergometriche e coronariografia. Boll Soc Ital Cardiol 1980; 25(12):1389–95 (Eng. Abstr.) (Ita)

Ferrari D see **Gronda E**

Ferratini M see **Pirelli S**

Ferrer LM see **Velasco J**

Ferrier GR see **Rosenthal JE**

Fife WP see **Kramer WG**

Filippov MM: Osobennosti gipoksii nagruzki. Fiziol Zh 1981 Nov–Dec;27(6):753–7 (Eng. Abstr.) (Rus)

Filippov MM, Karpovets PM: Energozatraty iunykh sportsmenov pri nekotorykh funktsional'nykh sostoianiiakh i myshechnoĭ deiatel'nosti. Gig Sanit 1982;(1):23–5 (Eng. Abstr.) (Rus)

Finger S see **Bell J**

Finison LJ see **Lambert CA**

Fink WJ see **Costill DL**

Fink WJ see **Sherman WM**

Finol HJ, Lewis DM, Owens R: The effects of denervation on contractile properties or rat skeletal muscle. J Physiol (Lond) 1981;319:81–92

Fisher H see **Fitzpatrick DW**

Fitch KD see **Morton AR**

Fitts RH, Courtright JB, Kim DH, et al: Muscle fatigue with prolonged exercise: contractile and biochemical alterations. Am J Physiol 1982 Jan;242(1):C65–73

Fitzgerald PI see **Knowlton RG**

Fitzpatrick DW, Fisher H: Histamine synthesis, imidazole dipeptides, and wound healing. Surgery 1982 Apr;91(4):430–4

Fitzpatrick GF see **Aoki TT**

Fleck S see **Burke ER**

Fletcher AM: The nutritionist as the primary care provider in a team approach to obesity. J Am Diet Assoc 1982 Mar;80(3):253–5

Fletcher HP see **Bright TP**

Fleury M, Bard C, Jobin J, et al: Influence of different types of physical fatigue on a visual detection task. Percept Mot Skills 1981 Dec;53(3):723–30

Fleury M, Bard C, Carrière L: The effects of physical or perceptual work loads on a coincidence/anticipation task. Percept Mot Skills 1981 Dec;53(3):843–50

Florio JT see **Morrison JB**

Floyd JL see **Nusynowitz ML**

Fohlin L see **Essén B**

Folan JC: Peroneus longus tenosynovitis. Br J Sports Med 1981 Dec;15(4):277–9

Folinsbee LJ: Effects of ozone exposure on lung function in man: a review. Rev Environ Health 1981;3(3):211–40

Follenius M see **Brandenberger G**

Forbes GB: Body composition in adolescence. Prog Clin Biol Res 1981;61:55–72 (32 ref.)

Fornaini G, Dachà M, Accorsi A, et al: Glucose utilization in human erythrocytes during physical exercise. Med Sci Sports Exerc 1981;13(5):322–4

Forssel G, Jonasson R, Landou C, et al: Post exercise T wave changes in patients with normal and abnormal coronary arteriogram. Acta Med Scand 1981;210(6):451–4

Forsyth R see **Cole P**

Fortney SM, Nadel ER, Wenger CB, et al: Effect of blood volume on sweating rate and body fluids in exercising humans. J Appl Physiol 1981 Dec;51(6):1594–600

Foster C see **Pollock ML**

Fourcade C see **Jossinet J**

Fouron JC, Douste–Blazy MY, Ducharme G, et al: Hang–out time of pulmonary valve in d–transposition of great arteries. Br Heart J 1982 Mar;47(3):277–80

Fox K, England D, Jonathan A, et al: Inability of exercise–induced R wave changes to predict coronary artery disease. Am J Cardiol 1982 Mar;49(4):674–9

Fox K see **Allan RM**

Fox KM, Deanfield J, Jonathan A, et al: The dose–response effects of nifedipine of ST–segment changes in exercise testing: preliminary studies. Cardiology 1981;68 Suppl 2:209–12

Fraccaroli G: I paramorfismi e lo sport della pallavolo. Minerva Med 1981 Dec 22;72(51):3551–4 (Eng. Abstr.) (Ita)

Franchi AM, Chaud M, Borda ES, et al: Spontaneous motility and prostaglandin generation in rat uterine horns isolated during the estrous cycle. Prostaglandins 1981 Oct;22(4):637–42

Franciosa JA: Effectiveness of long–term vasodilator administration in the treatment of chronic left ventricular failure. Prog Cardiovasc Dis 1982 Jan–Feb;24(4):319–30 (90 ref.)

Francis GS, Goldsmith SR, Ziesche SM, et al: Response of plasma norepinephrine and epinephrine to dynamic exercise in patients with congestive heart failure. Am J Cardiol 1982 Apr 1; 49(5):1152–6

Franz IW, Mellerowicz H: Methodische und leistungsphysiologische Grundlagen der Ergometrie. Wertung nichtinvasiver Parameter zur Erkennung einer kardial bedingten Leistungseinschränkung. Herz 1982 Feb;7(1):29–41 (29 ref.) (Eng. Abstr.) (Ger)

Freedson PS: The influence of hemoglobin concentration on exercise cardiac output. Int J Sports Med 1981 May;2(2):81–6

Freedson PS see **Gilliam TB**

Freedson PS see **Pels AE 3d**

Freedson PS see **Sady SP**

Freeman WK, Rorie DK, Tyce GM: Effects of 5–hydroxytryptamine on neuroeffector junction in human pulmonary artery. J Appl Physiol 1981 Sep;51(3):693–8

French WJ see **Siegel RJ**

Freyschuss U see **Bergenwald L**

Frick MH see **Virtanen K**

Friedman MJ see **Goldman S**

Frishman W see **Kostis JB**

Fugl–Meyer AR: Maximum isokinetic ankle plantar and dorsal flexion torques in trained subjects. Eur J Applied Physiol 1981; 47(4):393–404

Fujii J see **Aizawa T**

Fukami K, Tanaka N, Honda T, et al: [The role of the exercise test in angina pectoris associated with coronary arterial spasm

PHYSICAL FITNESS/SPORTS MEDICINE

(author's transl)] Kokyu To Junkan 1981 Nov;29(11):1213–9 (Eng. Abstr.) (Jpn)

Fukami K, Haze K, Honda T, et al: [Acute hemorrhagic myocardial infarction following treadmill exercise test (author's transl)] Kokyu To Junkan 1981 Nov;29(11):1249–55 (Eng. Abstr.) (Jpn)

Fukazawa T see **Izumi K**

Fukunaga T, Matsuo A, Ichikawa M: Mechanical energy output and joint movements in sprint running. Ergonomics 1981 Oct; 24(10):765–72

Fung HL see **Thadani U**

Fuqua JM see **Igo SR**

Furkalo NK, Khomenko VM: Apekskardiografiia v otsenke subéndokardial'nogo krovotoka i koronarnogo rezerva pri sopostavlenii s dannymi koronarografii i veloérgometrii u bol'nykh ishemicheskoĭ bolezn'iu serdtsa. Kardiologiia 1982 Jan; 22(1):57–9 (Eng. Abstr.) (Rus)

G

Gaebelein CJ, Senay LC Jr: Vascular volume changes during cycling and stepping in women at two hydration levels. Eur J Applied Physiol 1982;48(1):1–10

Gal TJ, Arora NS: Respiratory mechanics in supine subjects during progressive partial curarization. J Appl Physiol 1982 Jan; 52(1):57–63

Gal TJ see **Ruth RA**

Gambert SR, Garthwaite TL, Pontzer CH, et al: Running elevates plasma beta-endorphin immunoreactivity and ACTH in untrained human subjects. Proc Soc Exp Biol Med 1981 Oct; 168(1):1–4

Garancis JC see **Stefaniak JE**

García Rubí DE, Badui Dergal E: Espasmo arterial coronario inducido por ejercicio. Demostracíon angiográfica y resultados del tratamiento médico. Arch Inst Cardiol Mex 1981 Nov–Dec; 51(6):559–64 (Eng. Abstr.) (Spa)

Gardette B see **Jossinet J**

Gardiner KR, Gardiner PF, Edgerton VR: Guinea pig soleus and gastrocnemius electromyograms at varying speeds, grades, and loads. J Appl Physiol 1982 Feb;52(2):451–7

Gardiner PF see **Gardiner KR**

Garrick JG: The sports medicine patient. Nurs Clin North Am 1981 Dec;16(4):759–66

Garthwaite SM see **Craig BW**

Garthwaite TL see **Gambert SR**

Gasilin VS, Anikin VV, Lupanov VP, et al: Sravnitel'naia otsenka rezul'tatov veloérgometrii i koronarografii u bol'nykh stenokardieĭ v zavisimosti ot reaktsii segmenta ST na EKG vo vremia fizicheskoĭ nagruzki. Kardiologiia 1982 Jan;22(1):11–5 (Eng. Abstr.) (Rus)

Gasilin VS, Kramer AA, Samoilenko LE: The effect of some antianginal drugs on the myocardial perfusion in patients with ischaemic heart disease. Cor Vasa 1981;23(6):429–38

Gass GC, Camp EM, Davis HA, et al: The effects of prolonged exercise on spinally injured subjects. Med Sci Sports Exerc 1981; 13(5):277–83

Gaunitz U see **Asmussen G**

Gehweiler JA see **Daffner RH**

Gelberman RH see **Woo SL**

Gellert R see **Sadowski J**

Gentile F see **Greco R**

Gerber C, Fernandez DL, Matter P: Wintersportverletzungen der Hand. Schweiz Z Sportmed 1981 Dec;29(4):129–36 (Eng. Abstr.) (Ger)

Gerber C see **Fernandez DL**

Getting PA see **Hume RI**

Ghez C, Martin JH: The control of rapid limb movement in the cat. III. Agonist – antagonist coupling. Exp Brain Res 1982; 45(1–2):115–25

Giannuzzi P see **Tavazzi L**

Gibbs CL see **Coughlin P**

Giesel J see **Smit PJ**

Gilbreath RL see **Alvarez OM**

Gilliam TB, Freedson PS, MacConnie SE, et al: Comparison of blood lipids, lipoproteins, anthropometric measures, and resting and exercise cardiovascular responses in children, 6—7 years old. Prev Med 1981 Nov;10(6):754–64

Gilliam TB see **Pels AE 3d**

Gilliam TB see **Sady SP**

Gilliam TB see **Thorland WG**

Gillquist J see **Lysholm J**

Gilstrap LC 3d see **Hauth JC**

Gimeno MF see **Bonacossa A**

Ginthner TP, Schabel SI: The 'mechanical bull' thumb. Skeletal Radiol 1981;7(2):131–3

Giordano A see **Tavazzi L**

Glaser RM, Suryaprasad AG, Sawka MN, et al: Methodology devised for a program to improve efficiency and reduce risks for wheelchair locomotion. Bull Prosthet Res 1981 Spring; 18(1):63–8

Glatthaar GW: Drogen und Suchtverhalten. Möglichkeiten der Sporttherapie. MMW 1982 Feb 19;124(7):143–7 (Eng. Abstr.) (Ger)

Glenn W see **Campbell DE**

Gloger D see **Zilcher H**

Goad RF see **Nichols G**

Goethals MA, Housmans PR, Brutsaert DL: Loading determinants of relaxation in cat papillary muscle. Am J Physiol 1982 Mar; 242(3):H303–9

Golaszewski T: Health education for corporations: efforts toward a professional preparation program. Health Educ (Wash) 1981 Nov–Dec;12(6):4–6

Goldberg I see **Brozin IH**

Goldfarb AH, Kendrick ZV: Effect of an exercise run to exhaustion on cAMP in the rat heart. J Appl Physiol 1981 Dec;51(6):1539–42

Golding LR see **Valdés F**

Goldman AP see **Davidoff R**

Goldman RF see **Shapiro Y**

Goldman S, Henry R, Friedman MJ, et al: Increased regional myocardial perfusion after intracoronary papaverine in patients after coronary artery bypass grafting. J Thorac Cardiovasc Surg 1982 Apr;83(4):563–8

Goldsmith SR see **Francis GS**

Goldspink G see **Nwoye LO**

Golikov AP see **Charchoglian RA**

Gollner JL see **Haegy JM**

Goodenough RD see **Wolfe RR**

Goodridge JP: Muscle energy technique: definition, explanation, methods of procedure. JAOA 1981 Dec;81(4):249–54

Gorasnova V see **Angelov I**

Gorbachenkov AA see **Linsov VA**

Gorlin R: Role of coronary vasospasm in the pathogenesis of myocardial ischemia and angina pectoris. Am Heart J 1982 Apr; 103(4 Pt 2):598–603

Górski J see **Stankiewicz-Niezyporowicz J**

Gotch PM: Incorporating activity into diabetic self-care. Occup Health Nurs 1982 Feb;30(2):16–9

Gottlieb S see **Tzivoni D**

Goubel F see **Pérot C**

Graban W see **Dobrzański T**

Graboys TB see **McManus BM**

Grabski W see **Sztobryn M**

Graham MC see **Faris JV**

Grande P, Pedersen A: Myocardial infarct size and cardiac performance at exercise soon after myocardial infarction. Br Heart J 1982 Jan;47(1):44–50

Grandi A see **Baccarani G**

Gransberg L see **Knutsson E**

Grasty PM: Establishing a swimming club for disabled people. Physiotherapy 1981 Oct;67(10):292–5

Gray HH: A risk of waterskiing for women [letter] West J Med 1982 Feb;136(2):169

Gray P see **Schmidt MN**

Greco R, Siciliano S, Gentile F, et al: Identificazione dell'infartuato ad alto rischio mediante dati clinici e la prova da sforzo. Boll Soc Ital Cardiol 1980;25(11):1315–23 (Eng. Abstr.) (Ita)

Green HJ see **Houston ME**

Green J see **Taggart P**

Greenberg HB see **Baron RC**

Greenberg HB see **Koopman JS**

Greenberg PS see **Ellestad MH**

Greene R see **Samek L**

Greenwald G see **Haywood KM**

Gregg TM see **O'Carroll PF**

Gregor RJ, Edgerton VR, Rozenek R, et al: Skeletal muscle properties and performance in elite female track athletes. Eur J Applied Physiol 1981;47(4):355–64

Grepl J, Eckert V: Disekující osteochondróza hlezenného kloubu. Acta Chir Orthop Traumatol Cech 1982 Feb;49(1):66–73 (Eng. Abstr.) (Cze)

Grieve DW, Pheasant ST: Naturally preferred directions for the exertion of maximal manual forces. Ergonomics 1981 Sep; 24(9):685–93

Griffin NS see **Keogh JF**

Griffioen D see **Ultee CA**

Griffith CD, Saunders JH: Cholecystoduodenocolic fistula following abdominal trauma. Br J Surg 1982 Feb;69(2):99–100

Griffith DR see **Crandall DL**

Griffiths RR, Henningfield JE, Bigelow GE: Human cigarette smoking: manipulation of number of puffs per bout, interbout interval and nicotine dose. J Pharmacol Exp Ther 1982 Feb; 220(2):256–65

Grimby G see **Bengtsson C**

Grimm J see **Hirzel HO**

Grindstaff JB see **Richardson JH**

Gronda E, Mafrici A, Ferrari D, et al: Limiti del trattamento cronico con vasodilatatori nell'incrementare la capacita' funzionale massima in pazienti con insufficienza ventricolare sinistra. G Ital Cardiol 1981;11(6):803–11 (Eng. Abstr.) (Ita)

Gross DR see **Kramer WG**
Grosso D see **Boyden TW**
Gruber E see **Bihari-Varga M**
Gruenthal M: Task dependent rate of recovery following serial posterior hypothalamic lesions. Physiol Behav 1981 Sep; 27(3):497–502
Gruenthal M see **Bell J**
Gudas CJ see **Stefl DJ**
Gunn HM: Potential blood supply to muscles in horses and dogs and its relation to athletic ability. Am J Vet Res 1981 Apr; 42(4):679–84
Guski H, Meerson FZ, Wassilew G: Comparative study of ultrastructure and function of the rat heart hypertrophied by exercise or hypoxia. Exp Pathol 1981;20(2):108–20
Guthrie GP Jr see **Kotchen TA**
Gutin B, Wilkerson JE, Horvath SM, et al: Physiologic response to endurance work as a function of prior exercise. Int J Sports Med 1981 May;2(2):87–91
Gwynn C see **Metcalf JA**
Guyot JC see **Heraudeau A**
Gydikov A: Dependence of the potentials obtained by averaging of the summated EMG from different factors. Acta Physiol Pharmacol Bulg 1980;6(4):3–12
Gysin R see **Allum JH**

H

Haddy FJ see **McKenzie JE**
Hadley AT 3d, Logan JS, Berry MA: Decompression sickness [letter] Am Fam Physician 1982 Jan;25(1):27, 30
Haegy JM, Laplatte G, Gollner JL, et al: Hyperthermie maligne d'effort chez un sujet ayant une ichtyose familiale commune. Rôle favorisant d'un déficit en carnitine musculaire. Nouv Presse Med 1982 Jan 16;11(2):115–7 (Eng. Abstr.) (Fre)
Hagberg JM see **Heath GW**
Hagberg M: Work load and fatigue in repetitive arm elevations. Ergonomics 1981 Jul;24(7):543–55
Hagberg M see **Bjelle A**
Häggmark T see **Arvidsson I**
Häggmark T see **Eriksson E**
Hahn AG see **Morton AR**
Haight JS see **Cole P**
Haizmann R: Fünf Jahre Bewegungstherapie – Erfahrungen am Kurort. Rehabilitation (Stuttg) 1982 Feb;21(1):1–7 (Eng. Abstr.) (Ger)
Hale T see **Bradley GW**
Hall SJ: Metacarpophalangeal flexion forces with respect to age, sex, and exercise habits. Med Sci Sports Exerc 1981;13(5):329–31
Halvorson R see **Brockman RP**
Hamada A see **Kitoh C**
Hammer A, Schwartzbach AL, Darre E, et al: Svaere neurologiske skader som følge af tramplinspring. Ugeskr Laeger 1981 Nov 2;143(45):2970–4 (Eng. Abstr.) (Dan)
Hammer WJ see **Wroblewski EM**
Hammons GT see **Craig BW**
Hancock PA: A thermophysiological rationale for endurance training for racquet activities. Br J Sports Med 1981 Dec; 15(4):234–7
Hanne-Paparo N, Kellermann JJ: Long-term Holter ECG monitoring of athletes. Med Sci Sports Exerc 1981;13(5):294–8
Hansen PF see **Kelbaek H**
Harada M see **Kubota I**
Haralambie G: Enzyme activities in skeletal muscle of 13–15 years old adolescents. Bull Eur Physiopathol Respir 1982 Jan–Feb; 18(1):65–74
Haralambie G: Serum zinc in athletes in training. Int J Sports Med 1981 Aug;2(3):135–8
Haralambie G: Serum aldolase isoenzymes in athletes at rest and after long-lasting exercise. Int J Sports Med 1981 Feb;2(1):31–6
Harasaki H see **Valdés F**
Harlan JD see **Macvicar MG**
Harris D, Taylor D, Condon B, et al: Myocardial imaging with dipyridamole: comparison of the sensitivity and specificity of 201Tl versus MUGA. Eur J Nucl Med 1982;7(1):1–5
Harshfield GA see **Pickering TG**
Hartley JP, Davies CJ, Charles TJ, et al: Plasma cyclic nucleotide levels in exercise-induced asthma. Thorax 1981 Nov;36(11):823–7
Hasan SS, Watson DA: Use of ball incentive inspirometer in post-operative respiratory care. Clinical trial. Br J Clin Pract 1981 Sep;35(9):302–5
Haskell WL see **Blair SN**
Hauth JC, Gilstrap LC 3d, Widmer K: Fetal heart rate reactivity before and after maternal jogging during the third trimester. Am J Obstet Gynecol 1982 Mar 1;142(5):545–7
Havel V, Erben J: Leistungsfähigkeit bei Dialysepatienten und Alternsprozess. ZFA (Dresden) 1981;36(6):537–42 (Eng. Abstr.) (Ger)
Haverstick J see **Seuft KR**
Hayes DJ, Summers BA, Morgan-Hughes JA: Myoadenylate deaminase deficiency or not? Observations on two brothers with exercise-induced muscle pain. J Neurol Sci 1982 Jan;53(1):125–36
Hayet M, Kellermann JJ: The angina pectoris threshold heart rate as a prognostic sign. Results of a 5-year follow-up. Cardiology 1981;68 Suppl 2:78–83
Haywood KM, Greenwald G, Lewis C: Contextual factors and age group differences in coincidence-anticipation performance. Res Q Exerc Sport 1981 Dec;52(4):458–64
Hayward PE see **Chapman DI**
Haze K see **Fukami K**
Heath GW, Hagberg JM, Ehsani AA, et al: A physiological comparison of young and older endurance athletes. J Appl Physiol 1981 Sep;51(3):634–40
Hebert LA see **Stefaniak JE**
Hecht LH see **Wells CL**
Hedström SA, Lidgren L, Andrén-Sandberg A: Akut bäckenosteomyelit orsakad av Staphylococcus aureus hos handbolls- och fotbollsspelare. Lakartidningen 1981 Oct 7; 78(41):3601–2 (Eng. Abstr.) (Swe)
Heigenhauser GJ see **Zimmerman P**
Heikkilä J see **Virtanen KS**
Heiss HW see **Dickhuth HH**
Hellerstein HK see **Wenger NK**
Hendrickson LS: The frequency of stress incontinence in women before and after the implementation of an exercise program. Issues Health Care Women 1981 Mar–Apr;3(2):81–92
Hendry WG see **Silke B**
Henningfield JE see **Griffiths RR**
Henriksen JM, Dahl R: Anstrengelsesudløst asthma. Patofysiologi, undersøgelsesmetoder og behandling. Ugeskr Laeger 1981 Oct 26;143(44):2872–5 (Eng. Abstr.) (Dan)
Henriksen JM, Dahl R, Lundqvist GR: Influence of relative humidity and repeated exercise on exercise-induced bronchoconstriction. Allergy 1981 Oct;36(7):463–70
Henry R see **Goldman S**
Henze E see **Ratib O**
Hepp-Reymond MC see **Allum JH**
Heraudeau A, Page A, Guyot JC, et al: Une association inhabituelle de tachycardie supraventriculaire et de trouble de la conduction au cours d'une épreuve d'effort. Ann Cardiol Angeiol (Paris) 1982 Jan–Feb;31(1):55–8 (Eng. Abstr.) (Fre)
Herbison GJ see **Jaweed MM**
Herdman A: Cardiac rehabilitation. 2. A programme to improve lifestyle. Nurs Times 1982 Feb 3–9;78(5):187–9
Herman ZS, Plech A, Bień E, et al: Effects of cholinomimetics, cholinolytics and atypical antidepressants in the behavioral despair test in the rat. Pol J Pharmacol Pharm 1981;33(5):485–9
Herold G see **Hoffmann A**
Herwig K see **Schwarzenbach M**
Herxheimer A, McPherson K: Rehabilitation after myocardial infarction [letter] Lancet 1982 Feb 27;1(8270):505
Herzig I see **Toulová M**
Hesse A see **Lehmann M**
Hesser CM: Baromedicin—ett aktuellt forskningsområde. Lakartidningen 1981 Sep 16;78(38):3271–4 (Eng. Abstr.) (Swe)
Hicken P see **Oulton JL**
Hickey AA see **Borkman TS**
Hickson RC: Skeletal muscle cytochrome c and myoglobin, endurance, and frequency of training. J Appl Physiol 1981 Sep; 51(3):746–9
Hietter B see **Brandenberger G**
Higgs SL, Robertson LA: Cyclic variations in perceived exertion and physical work capacity in females. Can J Appl Sport Sci 1981 Dec;6(4):191–6
Hillis WS see **Dunn FG**
Hirata K, Nagasaka T: Enhancement of calorigenic response to cold and to norepinephrine in physically trained rats. Jpn J Physiol 1981;31(5):657–65
Hirzel HO, Wegmueller R, Grimm J, et al: Left ventricular function during exercise before and after bypass surgery. Cardiology 1981; 68 Suppl 2:99–107
Hladik WB 3d see **Johnson RA**
Hlava A see **Barták K**
Ho EL: A study of treadmill exercise protocols for Chinese males. Aviat Space Environ Med 1982 Feb;53(2):112–6
Hoar PE see **Cassidy PS**
Hobbs GM see **Oulton JL**
Hochachka PW see **Murphy BJ**
Hodgins DS: The effects of an exercise training upon subsequently induced cardiac enlargement. Proc Soc Exp Biol Med 1982 Mar; 169(3):392–6
Hoederath A see **Dufaux B**
Hof AL, Van den Berg J: EMG to force processing II: Estimation of parameters of the Hill muscle model for the human triceps surae by means of a calfergometer. J Biomech 1981;14(11):759–70
Hof AL, Van den Berg J: EMG to force processing I: An electrical analogue of the Hill muscle model. J Biomech 1981;14(11):747–58
Hof AL, Van den Berg J: EMG to force processing III: Estimation of model parameters for the human triceps surae muscle and assessment of the accuracy by means of a torque plate.

PHYSICAL FITNESS/SPORTS MEDICINE

J Biomech 1981;14(11):771–85
Hof AL, Van den Berg J: EMG to force processing IV: Eccentric–concentric contractions on a spring–flywheel set up. J Biomech 1981;14(11):787–92
Hoffman E see **Ratib O**
Hoffman LG, Rouse M, Ryan JB: Dynamic visual acuity: a review. J Am Optom Assoc 1981 Nov;52(11):883–7
Hoffmann A, Herold G, Minder E: How dangerous are ski marathons? [letter] Lancet 1982 Jan 23;1(8265):232
Höfling B, Bolte HD: Acute negative inotropic effect of adriamycin (doxorubicin). Naunyn Schmiedebergs Arch Pharmacol 1981 Nov;317(3):252–6
Hofmann D, Wönne R, Linn M, et al: Uber die Häufigkeit des Anstrengungsasthmas (Exercise Induced Asthma, EIA) im Kindesalter. Monatsschr Kinderheilkd 1982 Feb;130(2):91–5 (Eng. Abstr.) **(Ger)**
Holland JC, Morrow JR Jr: Physiological parameters measured one year after completion of a college aerobics course. J Sports Med Phys Fitness 1981 Sep;21(3):265–70
Hollmann W, Rost R, Liesen H, et al: Assessment of different forms of physical activity with respect to preventive and rehabilitative cardiology. Int J Sports Med 1981 May;2(2):67–80
Hollósi G see **Szilár A**
Holmes DS see **Jasnoski ML**
Holmgren A see **Ivert T**
Holst J see **Järhult J**
Homburger H see **Rüdiger HJ**
Honda T see **Fukami K**
Honigman B, Cromer R, Kurt TL: Carbon monoxide levels in athletes during exercise in an urban environment. J Air Pollut Control Assoc 1982 Jan;32(1):77–9
Horlock P see **Allan RM**
Horne JA see **Porter JM**
Horuick C see **Dressendorfer RH**
Horoszowski H see **Israeli A**
Horowitz SF see **Patterson RE**
Horvath SM see **Gutin B**
Hoshizaki TB see **Bell RD**
Hosler M see **Moreyra AE**
Hossack KF, Bruce RA, Ritterman JB, et al: Divergent effects of diltiazem in patients with exertional angina. Am J Cardiol 1982 Feb 18;49(3):538–46
Hossack KF, Pool PE, Steele P, et al: Efficacy of diltiazem in angina on effort: a multicenter trial. Am J Cardiol 1982 Feb 18; 49(3):567–72
Hossack KF see **Bruce RA**
Høstmark A see **Rognum TO**
Houghton E, Dumasia MC, Wellby JK: The use of combined high performance liquid chromatography negative ion chemical ionization mass spectrometry to confirm the administration of synthetic corticosteroids to horses. Biomed Mass Spectrom 1981 Nov;8(11):558–64
Housmans PR see **Goethals MA**
Houston ME, Green HJ: Skeletal muscle and physiologic characteristics of a world champion masters distance runner: a case study. Int J Sports Med 1981 Feb;2(1):47–9
Hrodek O: Kontraindikace školní tělesné výchovy a zařazování do zvláštní tělesné výchovy z hlediska krevních chorob. Cesk Pediatr 1981 Dec;36(12):721–5 (Eng. Abstr.) **(Cze)**
Huang TY see **Tsung SH**
Huber G see **Lehmann M**
Huber TL, Wilson RC, Stattelman AJ, et al: Effect of hypocalcemia on motility of the ruminant stomach. Am J Vet Res 1981 Sep; 42(9):1488–90
Huey RB, Schneider W, Erie GL, et al: A field–portable racetrack and timer for measuring acceleration and speed of small cursorial animals. Experientia 1981 Dec 15;37(12):1356–7
Huff G see **Bell D**
Hughson RL, Kowalchuk JM: Influence of diet on CO2 production and ventilation in constant–load exercise. Respir Physiol 1981 Nov;46(2):149–60
Huguenin RL: Nichbetriebsunfälle in der Schweiz. Soz Praventivmed 1981 Dec;26(6):366–70 (Eng. Abstr.) **(Ger)**
Hui PC see **An KN**
Hulkko A see **Orava S**
Hull ML, Davis RR: Measurement of pedal loading in bicycling: I. Instrumentation. J Biomech 1981;14(12):843–56
Hull ML see **Davis RR**
Hultgren PB, Bove AA: Myocardial blood flow and mechanics in volume overload–induced left ventricular hypertrophy in dogs. Cardiovasc Res 1981 Sep;15(9):522–8
Hulthén UL see **Manhem P**
Hume RI, Getting PA: Motor organization of Tritonia swimming. II. Synaptic drive to flexion neurons from premotor interneurons. J Neurophysiol 1982 Jan;47(1):75–90
Hume RI, Getting PA, Del Beccaro MA: Motor organization of Tritonia swimming. I. Quantitative analysis of swim behavior and flexion neuron firing patterns. J Neurophysiol 1982 Jan; 47(1):60–74
Hume RI, Getting PA: Motor organization of Tritonia swimming. III. Contribution of intrinsic membrane properties to flexion neuron burst formation. J Neurophysiol 1982 Jan;47(1):91–102
Huttunen NP, Käär ML, Pietiläinen M, et al: Exercise–induced proteinuria in children and adolescents. Scand J Clin Lab Invest 1981 Oct;41(6):583–7

I

Iasovskiĭ GV, Chmir VP, Tkhor NV: Pokazateli gemodinamiki pri dozirovannoĭ fizicheskoĭ nagruzke u bol'nykh ishemicheskoĭ bolezn'iu serdtsa. Vrach Delo 1981 Dec;(12):42–4 (Eng. Abstr.) **(Rus)**
Iavich MP see **Meerson FZ**
Ichikawa M see **Fukunaga T**
Ichinose T see **Suzuki AK**
Igo SR, Turner SA, Fuqua JM, et al: Control system evaluations of the THI/Gould LVAS: pump rate and stroke volume responsiveness during exercise in the unanesthetized calf. Trans Am Soc Artif Intern Organs 1981;27:454–60
Igwe OJ, Blake JW: Gas/liquid chromatographic analysis of pemoline in biological fluids using electron capture detection. J Chromatogr Sci 1981 Dec;19(12):617–24
Illingworth CM, Noble D, Bell D, et al: 150 bicycle injuries in children: a comparison with accidents due to other causes. Injury 1981 Jul;13(1):7–9
Imataka K, Yamaoki K, Oouchi Y, et al: [Hemodynamic responses to supine bicycle exercise in juvenile hypertensive subjects: an echocardiographic assessment (author's transl)] J Cardiogr 1981 Jun;11(2):449–56 (Eng. Abstr.) **(Jpn)**
Inbar O, Kaiser P, Tesch P: Relationships between leg muscle fiber type distribution and leg exercise performance. Int J Sports Med 1981 Aug;2(3):154–9
Ingemann–Hansen T see **Bundgaard A**
Inglis GS, Stewart ID: Rugby injury survey 1979. NZ Med J 1981 Nov 11;94(695):349–50
Isenberg DA, Newham D, Edwards RH, et al: Muscle strength and pre–osteomalacia in vegetarian Asian women [letter] Lancet 1982 Jan 2;1(8262):55
Iskakova ZhT see **Kozlov VI**
Iskandrian AS, Lichtenberg R, Segal BL, et al: Assessment of jeopardized myocardium in patients with one–vessel disease. Circulation 1982 Feb;65(2):242–7
Israeli A, Horoszowski H, Chechick A, et al: Beware the 'simple' fibular fracture (a clue for severe unstable ankle injury. Br J Sports Med 1981 Dec;15(4):269–71
Iszler J see **Carruth BR**
Ito A see **Komi PV**
Ito T see **Izumi K**
Itow H see **Kimura Y**
Ivanov LA: Functional state of the cardiovascular system, ventilation, and gas exchange during standard physical work in different age periods. Hum Physiol 1981 Mar–Apr;7(2):99–103
Ivert T, Holmgren A, Landou C: Exercise tolerance five years after coronary bypass surgery in relation to clinical and angiographic findings. Scand J Thorac Cardiovasc Surg 1981;15(2):179–95
Ivy JL, Costill DL, Van Handel PJ, et al: Alteration in the lactate threshold with changes in substrate availability. Int J Sports Med 1981 Aug;2(3):139–42
Ivy JL see **Fell RD**
Izakov VIa, Bykov BL, Kimmel'man IIa: Temperaturnaia zavisimost' kinetiki izometricheskogo rasslableniia miokardia. Fiziol Zh SSSR 1981 Nov;67(11):1670–5 (Eng. Abstr.) **(Rus)**
Izumi K, Ito T, Fukazawa T: Effect of ATP concentration and pH on rigor tension development and dissociation of rigor complex in glycerinated rabbit psoas muscle fiber. Biochim Biophys Acta 1981 Dec 18;678(3):364–72

J

Jackson DW see **Strizak AM**
Jackson PJ see **Wilson BA**
Jackson RW see **Davis GM**
Jacobs I: Lactate, muscle glycogen and exercise performance in man. Acta Physiol Scand [Suppl] 1981;495:1–35
Jacobs I see **Sjödin B**
Jäderberg E see **Dehlin O**
Jaeger MJ see **Yost LJ**
Jakush J: Divergent views: can dental therapy enhance athletic performance? J Am Dent Assoc 1982 Mar;104(3):292–8
James NT, Cabric M: Quantitative studies on the numerical frequency of myonuclei in the muscles of exercised rats: evidence against the occurrence of fibre–splitting. Br J Exp Pathol 1981 Dec;62(6):600–5
Jänne J see **Virtanen K**
Janota M see **Fabián J**
Janssen PA see **Van Nueten JM**
Janssens WJ, Verbeuren TJ, Vanhoutte PM: Effect of moderate cooling on adrenergic neuroeffector interaction in canine cutaneous veins. Blood Vessels 1981;18(6):281–95

PHYSICAL FITNESS/SPORTS MEDICINE

Järhult J, Ericsson M, Holst J, et al: Lack of suppression of insulin secretion by exercise in patients with insulinoma. Clin Endocrinol (Oxf) 1981 Oct;15(4):391–4
Jarvie GJ see **Thompson JK**
Jasnoski ML, Holmes DS: Influence of initial aerobic fitness, aerobic training and changes in aerobic fitness on personality functioning. J Psychosom Res 1981;25(6):553–6
Jaweed MM, Herbison GJ, Ditunno JF: Physical activity and inactivity influences on 14C–leucine incorporation in reinnervated rat gastrocnemius. Arch Phys Med Rehabil 1982 Jan;63(1):28–31
Jeanneret O, Berner R, Schlaepfer A: Les accidents liés à l'éducation physique scolaire: approache épidémiologique et préventive. Soz Praventivmed 1981 Dec;26(6):377–83 (Eng. Abstr.) (Fre)
Jeanneret O: Les accidents Liés à l'activité sportive en milieu scolaire. Point de vue d'un épidémiologiste. Arch Fr Pediatr 1981 Dec;38(10):791–6 (Eng. Abstr.) (Fre)
Jegier A see **Sztobryn M**
Jelinek VM, McDonald IG, Ryan WF, et al: Assessment of cardiac risk 10 days after uncomplicated myocardial infarction. Br Med J [Clin Res] 1982 Jan 23;284(6311):227–30
Jennings K see **Brooks N**
Jobin J see **Fleury M**
Johns J see **Berg A**
Johnson DJ see **Riggs CE Jr**
Johnson GO see **Thorland WG**
Johnson J, Siegel D: The use of selected submaximal step tests in predicting change in the maximal oxygen intake of college women. J Sports Med Phys Fitness 1981 Sep;21(3):259–64
Johnson RA, Hladik WB 3d: Post–traumatic pulmonary accumulation of Tc–99m sulfur colloid. J Nucl Med 1982 Feb;23(2):147–8
Johnston BL: Influence of environmental factors on exercise and activity of cardiac patients. Cardiovasc Nurs 1982 Mar–Apr;18(2):7–12
Jonasson R see **Forssel G**
Jonathan A see **Deanfield J**
Jonathan A see **Fox K**
Jonathan A see **Fox KM**
Jones DR see **Lillo RS**
Jones GR, Mir MA: Comparison of antianginal efficacy of one conventional and three long acting beta–adrenoreceptor blocking agents in stable angina pectoris. Br Heart J 1981 Nov;46(5):503–7
Jones MH see **Perry J**
Jones NL see **Jurkowski JE**
Jones PW see **Weissman ML**
Jones WL: A case of an irregular altitudinal field defect associated with a traumatic choroidal rupture. Am J Optom Physiol Opt 1981 Dec;58(12):1134–7
Jormakka E see **Orava S**
Jossinet J, Fourcade C, Gardette B: An application of bioelectrical impedance for the detection of tissular bubbles in the diver: preliminary results. Med Biol Eng Comput 1981 Jul;19(4):419–25
Joyce DA, Beilin LJ, Vandongen R, et al: Plasma free and sulfate conjugated catecholamine levels during acute physiological stimulation in man. Life Sci 1982 Feb 1;30(5):447–54
Juaneda P see **Rocquelin G**
Jurish SE see **Blanchard EB**
Jurkowski JE, Jones NL, Toews CJ, et al: Effects of menstrual cycle on blood lactate, O2 delivery, and performance during exercise. J Appl Physiol 1981 Dec;51(6):1493–9

K

Käär ML see **Huttunen NP**
Kadir S see **Lundell C**
Kaeini MR see **Starling JA**
Kaiser P, Rössner S, Karlsson J: Effects of beta–adrenergic blockade on endurance and short–time performance in respect to individual muscle fiber composition. Int J Sports Med 1981 Feb;2(1):37–42
Kaiser P see **Inbar O**
Kajiwara N see **Okuda T**
Kala R see **Viitasalo MT**
Kala R see **Virtanen KS**
Kalisa A see **Schurtz C**
Kaltenbach M see **Schulz W**
Kambara H, Kawashita K, Yoshida A, et al: Identification of patients with coronary artery disease using a scoring system of coronary risk factors, electrocardiography and myocardial perfusion imaging. Jpn Circ J 1982 Mar;46(3):235–44
Kamm KE see **Aksoy MO**
Kamon E see **Pytel JL**
Kanehisa H see **Miyashita M**
Kannel WB, Dawber TR: Contributors to coronary risk: ten years later. Heart Lung 1982 Jan–Feb;11(1):60–4
Kanoh T see **Kudo K**
Kanosue K see **Nakayama T**
Kanyicska B see **Fekete MI**
Kaplan MA, Bolovin LM, Matveenko EG: Studium des Eisenstoffwechsels (59Fe) durch Ganzkörperradiometrie bei gesunden Männern unter physischer Belastung. Radiol Diagn (Berl) 1981;22(6):832–7 (Eng. Abstr.) (Ger)
Kappenberger L see **Künzler A**
Karasawa K, Suwa J, Kimura S: Voluntary exercise during pregnancy and lactation and its effect on lactational performance in mice. J Nutr Sci Vitaminol (Tokyo) 1981;27(4):333–9
Karlsson J, Piehl K, Knuttgen HG: Performance and muscle metabolite changes in exercise with repeated maximal dynamic contractions. Int J Sports Med 1981 May;2(2):110–3
Karlsson J see **Kaiser P**
Karlsson J see **Sjödin B**
Karpman MB see **Paabo S**
Karpovets PM see **Filippov MM**
Kasperek GJ see **Dohm GL**
Katkov AIu, Chabdarova RN, Pravetskii NV, et al: Sravnitel'naia otsenka barokamernoi trenirovki i vysokogornoi adaptatsii cheloveka k gipoksii. Kosm Biol Aviakosm Med 1982 Jan–Feb;16(1):74–7 (Eng. Abstr.) (Rus)
Kattus AA: Treadmill exercise protocols to demonstrate effectiveness of nitrate drugs in relief of angina pectoris; duration of action and degree of functional enhancement. Cardiology 1981;68 Suppl 2:161–8
Kawakami Y, Terai T, Yamamoto H, et al: Exercise and oxygen inhalation in relation to prognosis of chronic obstructive pulmonary disease. Chest 1982 Feb;81(2):182–8
Kawasaki T, Kurokawa Y, Kiso T, et al: Plasma cyclic–AMP and cyclic–GMP response levels in diabetes mellitus subjected to Cooper's aerobic programmed treadmill test. Bull Osaka Med Sch 1980 Oct;26(2):88–100
Kawashita K see **Kambara H**
Kawazoe Y, Kotani H, Maetani T, et al: Integrated electromyographic activity and biting force during rapid isometric contraction of fatigued masseter muscle in man. Arch Oral Biol 1981;26(10):795–801
Kaye FS see **Brownell KD**
Kaye KW see **Wilson MJ**
Kazin EM see **Shorin IuP**
Kearney JT, Stull GA: Effect of fatigue level on rate of force development by the grip–flexor muscles. Med Sci Sports Exerc 1981;13(5):339–42
Keele KD: Pain perception in competitive swimmers [letter] Br Med J [Clin Res] 1982 Jan 9;284(6309):116–7
Keil LC see **Shvartz E**
Kelbaek H, Eskildsen P, Hansen PF, et al: Fysisk traening efter akut myokardieinfarkt. Ugeskr Laeger 1981 Nov 2;143(45):2949–5 (Eng. Abstr.) (Dan)
Kelbaek H: Kredsløbsfysiologiske aendringer ved fysisk traening. Ugeskr Laeger 1981 Nov 2;143(45):2947–9 (Eng. Abstr.) (Dan)
Keller NE see **Opdyke DF**
Kellermann JJ see **Hanne–Paparo N**
Kellermann JJ see **Hayet M**
Kelly DT see **Tan AT**
Kelsey JC see **Davis GM**
Kendrick ZV see **Goldfarb AH**
Kennedy GT see **Crawford MH**
Kent KM, Bonow RO, Rosing DR, et al: Improved myocardial function during exercise after successful percutaneous transluminal coronary angioplasty. N Engl J Med 1982 Feb 25;306(8):441–6
Keogh JF, Griffin NS, Spector R: Observer perceptions of movement confidence. Res Q Exerc Sport 1981 Dec;52(4):465–73
Keren A see **Tzivoni D**
Kerrick WG see **Cassidy PS**
Kesel' VP see **Zmievskaia LD**
Keul J see **Lehmann M**
Khaleque A: Job satisfaction, perceived effort and heart rate in light industrial work. Ergonomics 1981 Sep;24(9):735–42
Khomenko VM see **Furkalo NK**
Kiers A, van der Mark TW, Woldring MG, et al: Changes in functional residual capacity during exercise in patients with exercise–induced asthma. Bull Eur Physiopathol Respir 1981 Nov–Dec;17(6):869–78
Kiessling KH see **Eriksson E**
Kilbom A see **Westerling D**
Kim DH see **Fitts RH**
Kimmel'man IIa see **Izakov VIa**
Kimura S see **Karasawa K**
Kimura Y, Itow H, Yamazaki S: The effects of circuit weight training on VO2max and body composition of trained and untrained college men. Nippon Seirigaku Zasshi 1981;43(12):593–6
Kindermann W see **Stegmann H**
King BD see **Stern EH**
Kirchev V see **Mitrev N**
Kiso T see **Kawasaki T**
Kitazume H see **Kramer JR**
Kitoh C, Hamada A, Takeshita H, et al: [A case of acute exertional

PHYSICAL FITNESS/SPORTS MEDICINE

rhabdomyolysis associated with acute renal failure (author's transl)] Nippon Jinzo Gakkai Shi 1981 Sep;23(9):1217–23 (Eng. Abstr.) (Jpn)

Kjekshus J see **Thaulow E**

Kjekshus JK, Blix AS, Elsner R, et al: Myocardial blood flow and metabolism in the diving seal. Am J Physiol 1982 Jan; 242(1):R97–104

Kjekshus JK, Blix AS, Elsner R, et al: The multifactorial approach to myocardial salvage. The experience from diving seals. Acta Med Scand [Suppl] 1981;651:49–57

Kleinert HD see **Pickering TG**

Kline RC see **Rial HR**

Klöti J, Pochon JP: Conservative treatment using compression suits for second and third degree burns in children. Burns Incl Therm Inj 1982 Jan;8(3):180–7

Klotsotiras G see **Cokkinos DV**

Knowlton RG, Fitzgerald PI, Sedlock DA: The mechanical efficiency of wheelchair dependent women during wheelchair ergometry. Can J Appl Sport Sci 1981 Dec;6(4):187–90

Knutsson E, Mårtensson A, Gransberg L: Antiparetic and antispastic effects induced by tizanidine in patients with spastic paresis. J Neurol Sci 1982 Feb;53(2):187–204

Knuttgen HG see **Karlsson J**

Koerner JE, Terjung RL: Effect of physical training on coronary collateral circulation of the rat. J Appl Physiol 1982 Feb; 52(2):376–87

Kofsky PR see **Davis GM**

Kolb B, Whishaw IQ: Neonatal Frontal Lesions in the rat: sparing of learned but not species-typical behavior in the presence of reduced brain weight and cortical thickness. J Comp Physiol Psychol 1981 Dec;95(6):863–79

Kolka MA, Stephenson LA, Wilkerson JE: Erythrocyte indices during a competitive marathon. J Appl Physiol 1982 Jan; 52(1):168–72

Kometani K see **Chaen S**

Komi PV, Ito A, Sjödin B, et al: Muscle metabolism, lactate breaking point, and biomechanical features of endurance running. Int J Sports Med 1981 Aug;2(3):148–53

König P, Eggleston PA, Serby CW: Comparison of oral and inhaled metaproterenol for prevention of exercise-induced asthma. Clin Allergy 1981 Nov;11(6):597–604

Konopka BJ see **Riggs CE Jr**

Koopman JS, Eckert EA, Greenberg HB, et al: Norwalk virus enteric illness acquired by swimming exposure. Am J Epidemiol 1982 Feb;115(2):173–7

Kopecký A: Skolní tělesná výchova u dětí s onemocněním žláz s vnitřní sekrecí. Cesk Pediatr 1981 Dec;36(12):725–6 (Eng. Abstr.) (Cze)

Korányi L see **Tamásy V**

Korcok M: Add exercise to calcium in osteoporosis prevention. JAMA 1982 Feb 26;247(8):1106, 1112

Koretz JF, Coluccio LM, Bertasso AM: The aggregation characteristics of column-purified rabbit skeletal myosin in the presence and absence of C-protein at pH 7.0. Biophys J 1982 Feb;37(2):433–40

Korhonen O see **Kuorinka I**

Kornerup HJ see **Pedersen EB**

Kostiainen S, Ylönen K, Merikoski Y: Primary operative treatment of the ruptured lateral ligament of the ankle. Ann Chir Gynaecol 1981;70(6):313–5

Kostis JB, DeFelice EA, Frishman W, et al: Clinical relevance of intrinsic sympathomimetic activity of beta blockers. Angiology 1981 Nov;32(11):780–7 (10 ref.)

Kostis JB see **Moreyra AE**

Kotani H see **Kawazoe Y**

Kotchen TA, Guthrie GP Jr, Cottrill CM, et al: Low renin-aldosterone in 'prehypertensive' young adults. J Clin Endocrinol Metab 1982 Apr;54(4):808–14

Kotlyarov EV see **Lindsay J Jr**

Kouka M see **Yoshida Y**

Kowalchuk JM see **Hughson RL**

Koyuncuoğlu H, Eroğlu L, Altuğ T: Effects of L-aspartic acid, L-asparagine and/or L-asparaginase on forced swimming-induced immobility, analgesia, and decrease in rectal temperature in rats. Experientia 1982 Jan 15;38(1):117–8

Kozinskii NA see **Liusov VA**

Kozlov VI, Vasil'ev ND, Iskakova ZhT: Strukturno-funktsional'naia organizatsii mikrotsirkuliatornogo rusla v skeletnoi myshtse. Arkh Anat Gistol Embriol 1982 Jan;82(1):7–21 (Eng. Abstr.) (Rus)

Kozlova NN see **Fedortsov KK**

Kozma A see **Stones MJ**

Kraemer HC see **Taylor CB**

Krahenbuhl GS see **Conley DL**

Kramer AA, Myasnikov AL, Novikov ID, et al: Changes in total and local contractility of the left ventricle, imaged by radionuclide ventriculography, in patients with ischaemic heart disease during submaximal exercise. Cor Vasa 1981;23(6):403–11

Kramer AA see **Gasilin VS**

Kramer JR, Kitazume H, Proudfit WL, et al: Clinical significance of isolated coronary bridges: benign and frequent condition involving the left anterior descending artery. Am Heart J 1982 Feb;103(2):283–8

Kramer WG, Gross DR, Fife WP, et al: Theophylline pharmacokinetics during hyperbaria and hyperbaric hyperoxia in the dog. Res Commun Chem Pathol Pharmacol 1981 Dec; 34(3):381–8

Kranz S see **Blum J**

Kraus F, Rudolph W: Exercise testing in patients with valve replacement. Cardiology 1981;68 Suppl 2:91–8

Kren BT see **McKinnell RG**

Kroemer KH, Marras WS: Evaluation of maximal and submaximal static muscle exertions. Hum Factors 1981 Dec;23(6):643–53

Kroll W: The 1981 C. H. McCloy Research Lecture. Analysis of local muscular fatigue patterns. Res Q Exerc Sport 1981 Dec; 52(4):523–39

Kroll W see **Clarkson PM**

Krupina TN, Beregovkin AV, Bogoliubov VM, et al: Kompleksnye vosstanovitel'no-lechebnye meropriiatiia v kosmicheskoi meditsine. Sov Med 1981;(12):3–8 (Eng. Abstr.) (Rus)

Kruse SJ see **Puhl JL**

Kubota I, Watanabe Y, Harada M, et al: Treadmill stress test using body surface mapping in coronary artery disease—the clinical significance of ST depression. Jpn Circ J 1982 Jan;46(1):8–15

Kuchma VR: Funktional'noe sostoianie segmentarnogo apparata spinnogo mozga cheloveka pri lokal'noi rabote posle sokrashchennogo otdykha. Gig Tr Prof Zabol 1981;(12):35–9 (Eng. Abstr.) (Rus)

Kudlicki J see **Marzkiewicz M**

Kudo K, Nagasaka H, Kanoh T, et al: [Cineangiographical and histopathological studies on hypertrophic myocardial disease with giant negative T wave (author's transl)] J Cardiogr 1981 Sep;11(3):837–46 (Eng. Abstr.) (Jpn)

Kukhareva LV, Vorob'ev VI: The order-disorder transitions in fibrillar proteins. Stress-temperature dependence of hydrothermal contraction of the native collagen fibers. Biorheology 1981;18(3–6):601–18

Kunovská V see **Přikryl P**

Künzler A, Kappenberger L, Niederhauser HU, et al: Rhythmusstörungen in der Rehabilitations phase nach Herzinfarkt. Schweiz Med Wochenschr 1981 Dec 12; 111(50):1962–4 (Eng. Abstr.) (Ger)

Kuorinka I, Korhonen O: Firefighters' reaction to alarm, an ECG and heart rate study. JOM 1981 Nov;23(11):762–6

Kupść W, Rywik S, Kuźmińska A, et al: Ocena związku między zawodową aktywnością fizyczną a wybranymi czynnikami ryzyka choroby wieńcowej. Przegl Lek 1981;38(11):805–8 (Eng. Abstr.) (Pol)

Kurkus J see **Sadowski J**

Kurokawa Y see **Kawasaki T**

Kurt TL see **Honigman B**

Kushmerick MJ: Chemical energy balance in amphibian and mammalian skeletal muscles: introduction. Fed Proc 1982 Feb; 41(2):147–8

Kushmerick MJ, Crow M: Chemical energy balance in amphibian and mammalian muscles. Fed Proc 1982 Feb;41(2):163–8

Kushmerick MJ see **Crow MT**

Kuusi T, Nikkilä EA, Saarinen P, et al: Plasma high density lipoproteins HDL2, HDL3 and postheparin plasma lipases in relation to parameters of physical fitness. Atherosclerosis 1982 Feb;41(2–3):209–19

Kuz'min SN see **Fedortsov KK**

Kuźmińska A see **Kupść W**

Kuznetsova ZM see **Solonin YuG**

Kvetňanský R see **Přikryl P**

Kvien TK, Nilsen H, Vik P: Education and self-care of patients with low back pain. Scand J Rheumatol 1981;10(4):318–20

L

Labaziewicz L: Siła mięśni odwodzących i przywodzących udo po operacyjnym leczeniu wrodzonego zwichnięcia stawu biodrowego. Chir Narzadow Ruchu Ortop Pol 1981;46(4):371–4 (Eng. Abstr.) (Pol)

Labrie A see **LeBlanc J**

Lahey BB see **Thompson JK**

Laks H see **Davies RA**

Lamb CW Jr see **Crompton JL**

Lamb RC, Anderson MJ, Walters JL: Forced walking prepartum for dairy cows of different ages. J Dairy Sci 1981 Oct; 64(10):2017–24

Lambert CA, Netherton DR, Finison LJ, et al: Massachusetts Department of Public Health. Risk factors and life style: a statewide health-interview survey. N Engl J Med 1982 Apr 29; 306(17):1048–51

Lamont LS: T wave changes associated with training in women swimmers. Am Correct Ther J 1981 Nov–Dec;35(6):155–8

Landau RL see **Blix PM**

Landou C see **Forssel G**

PHYSICAL FITNESS/SPORTS MEDICINE

Landon C see **Ivert T**
Lankhorst GJ, van de Stadt RJ, van der Korst JK, et al: Relationship of isometric knee extension torque and functional variables in osteoarthrosis of the knee. Scand J Rehabil Med 1982;14(1):7–10
Lansing RW, Meyerink L: Load compensating responses of human abdominal muscles. J Physiol (Lond) 1981 Nov;320:253–68
Laplatte G see **Haegy JM**
Larsen JS see **Pedersen EB**
Laslett LJ, Amsterdam EA, Mason DT: Evaluating the positive exercise stress test in the asymptomatic individual. Chest 1982 Mar;81(3):364–7
Lassalle JM see **le Page G**
Latash ML see **Feldman AG**
Laude MM: Valeur fonctionnelle du pisiforme dans les mécanismes de préhension. Bull Acad Natl Med (Paris) 1981 Apr; 165(4):479–83 (Eng. Abstr.) (Fre)
Lavoie JM: Blood metabolites during prolonged exercise in swimming and leg cycling. Eur J Applied Physiol 1982; 48(1):127–33
Lavoie JM see **Montpetit RR**
le Page G, Lassalle JM: Maternal effects in mice: influence of parents' and offspring's genotypes. Behav Genet 1981 Jul; 11(4):379–84
Leary WP see **McKechnie JK**
LeBlanc J, Labrie A: Glycogen and nonspecific adaptation to cold. J Appl Physiol 1981 Dec;51(6):1428–32
LeBlanc J see **Thibault MC**
Lee RG, Stein RB: Resetting of tremor by mechanical perturbations: a comparison of essential tremor and parkinsonian tremor. Ann Neurol 1981 Dec;10(6):523–31
Léger LA see **Montpetit RR**
Legrand V see **Rigo P**
Legrand V see **Smeets JP**
Lehmann M, Keul J, Hesse A: Zur aeroben und anaeroben Kapazität sowie Catecholaminexkretion von Kindern und Jugendlichen während langdauernder submaximaler Körperarbeit. Eur J Applied Physiol 1982;48(1):135–45 (Eng. Abstr.) (Ger)
Lehmann M, Keul J, Huber G, et al: Plasma catecholamines in trained and untrained volunteers during graduated exercise. Int J Sports Med 1981 Aug;2(3):143–7
Lele RD, Divgi CR, Bhonsle US: Comparison of sublingual nitroglycerine and isosorbide dinitrate ointment by radionuclide ventriculography. J Assoc Physicians India 1981 Jun; 29(6):447–56
LeLieuvre RB see **Waggoner CD**
Lenaers A, van Thiel E, Block P, et al: Effect of image computer processing on the sensitivity and specificity of stress myocardial scintigraphy. Acta Cardiol [Suppl] (Brux) 1981;26 Suppl:95–103
Lentz M: Selected aspects of deconditioning secondary to immobilization. Nurs Clin North Am 1981 Dec;16(4):729–37
Leonov VO: Krovoobrashchenie u bol'nykh khronicheskim bronkhitom po dannym integral'noi reografii. Ter Arkh 1981; 53(12):67–72 (Eng. Abstr.) (Rus)
Lesbre JP see **Schurtz C**
Leslie PN: Health education [letter] NZ Med J 1981 Dec 23; 94(698):468
Letts RM see **Chong KC**
Lewerentz H: Skador inom damfotboll. Fotlederna och knäna de svaga punkterna hos kvinnliga fotbollsspelare. Lakartidningen 1981 Dec 2;78(49):4448–50 (Eng. Abstr.) (Swe)
Lewis C see **Haywood KM**
Lewis DM see **Finol HJ**
Lewis S see **Thompson PD**
Lewis SM, Riba AL, Berger HJ, et al: Radionuclide angiographic exercise left ventricular performance in chronic aortic regurgitation: relationship to resting echographic ventricular dimensions and systolic wall stress index. Am Heart J 1982 Apr; 103(4 Pt 1):498–504
Lewis VJ, Baddeley AD: Cognitive performance, sleep quality and mood during deep oxyhelium diving. Ergonomics 1981 Oct; 24(10):773–93
L'Hour P see **Ollivier JP**
Lichtenberg R see **Iskandrian AS**
Lidgren L see **Hedström SA**
Liesen H see **Hollmann W**
Liljedahl SO see **Lysholm J**
Lillo RS, Jones DR: Control of diving responses by carotid bodies and baroreceptors in ducks. Am J Physiol 1982 Jan;242(1):R105–8
Lillo RS, Jones DR: Effect of cardiovascular variables on hyperpnea during recovery from diving in ducks. J Appl Physiol 1982 Jan;52(1):206–15
Lindemann H see **Madu B**
Lindquist O see **Bengtsson C**
Lindsay J Jr, Nolan NG, Kotlyarov EV, et al: Radionuclide evaluation of the interventricular septum following coronary artery bypass surgery. Radiology 1982 Feb;142(2):489–93
Lindsjö U: Fotledsfraktur som idrotts- och motionsskada. Lakartidningen 1981 Aug 19;78(34):2855–7 (Eng. Abstr.) (Swe)
Lindström L see **Malmqvist R**
Linn M see **Hofmann D**
Linscheid RL see **Burkhart SS**
Lisý Z: vliv prostředí s tělesné zátěže na červený krevní obraz vrcholových plavkyň. Cas Lek Cesk 1982 Jan 22;121(3):74–7 (Eng. Abstr.) (Cze)
Liusov VA, Gorbachenkov AA, Kozinskii NA, et al: Programma i rezul'taty 10-nedel'noi fizicheskoi trenirovki bol'nykh, perenesshikh infarkt miokarda, i bol'nykh so stenokardiei napriazheniia. Kardiologiia 1982 Jan;22(1):49–53 (Eng. Abstr.) (Rus)
Lloyd P see **Chapman DI**
Loeb GE: Somatosensory unit input to the spinal cord during normal walking. Can J Physiol Pharmacol 1981 Jul;59(7):627–35
Logan JS see **Hadley AT 3d**
Loke J see **Mahler DA**
Longo B see **Degre S**
Longo T, Pignoli P: The behavior of the Nicoladoni-Branham sign at rest and under effort. Angiology 1981 Nov;32(11):797–803
Lonskii LA see **Luganskii IuN**
Ludden TM see **Crawford MH**
Luganskii IuN, Lonskii LA, Paramonchik VM, et al: Lechebnaia fizicheskaia kul'tura kompleksnom lechenii bol'nykh gipertonicheskoi bolezn'iu alimentarnym ozhireniem. Vrach Delo 1982 Feb;(2):54–7 (Eng. Abstr.) (Rus)
Luna RL see **Carrasco RM**
Lund JP, Rossignol S, Murakami T: Interactions between the jaw-opening reflex and mastication. Can J Physiol Pharmacol 1981 Jul;59(7):683–90
Lundell C, Kadir S: The jogger's aneurysm: unusual presentation of popliteal artery trauma. Cardiovasc Intervent Radiol 1981; 4(4):239–41
Lundqvist GR see **Henriksen JM**
Luzanov VP see **Gasilin VS**
Lupien L see **Bégin R**
Luu TM see **Chrysant SG**
Lysholm J, Gillquist J, Liljedahl SO: Long-term results after early treatment of knee injuries. Acta Orthop Scand 1982 Feb; 53(1):109–18

M

Maass U, Alexander K: Lactate and pyruvate changes during treadmill exercise in patients with intermittent claudication. Z Kardiol 1982 Jan;71(1):39–43
McCampbell BR see **Madigan RR**
McCarthy DM: The value of thallium exercise testing in patients with coronary artery disease. Int J Cardiol 1981;1(1):7–14 (20 ref.)
McCartney N see **Zimmerman P**
McClamrock E see **Bassett C**
MacConnie SE see **Gilliam TB**
McDermott RJ, Marty PJ: Athletes score a hit with kids in grades four through eight. J Sch Health 1982 Feb;52(2):94–6
McDonald BW see **Szlyk PC**
Macdonald IA see **Bassey EJ**
MacDonald IC see **Cunningham DA**
McDonald IG see **Jelinek VM**
MacDougall JD, Sale DG, Elder GC, et al: Muscle ultrastructural characteristics of elite powerlifters and bodybuilders. Eur J Applied Physiol 1982;48(1):117–26
Macek C: Ankle sprain surgery a winner for athletes [news] JAMA 1982 Mar 19;247(11):1545
Máček M: Pohybová aktivita v dětském věku. Cesk Pediatr 1981 Dec;36(12):716–8 (Eng. Abstr.) (Cze)
McFadden KD see **Adams J**
MacFarlane D see **Murray RG**
McGarry J, Woolsey RM, Thompson CW: Autonomic hyperreflexia following passive stretching to the hip joint. Phys Ther 1982 Jan;62(1):30–1
McIntyre DR, Bates BT: The use of capacitive touch sensors for temporal measurements. Res Q Exerc Sport 1981 Dec;52(4):512–7
McIntyre KM see **Strauss WE**
McKechnie JK, Leary WP, Noakes TD: Metabolic responses to a 90 km running race. S Afr Med J 1982 Mar 27;61(13):482–4
McKenzie DC see **Rhodes EC**
McKenzie JE, Steffen RP, Haddy FJ: Relationships between adenosine and coronary resistance in conscious exercising dogs. Am J Physiol 1982 Jan;242(1):H24–9
McKinnell RG, Kren BT, Bergad R, et al: Dominant lethality in Xenopus laevis induced with triethylenemelamine (TEM). Teratogenesis Carcinog Mutagen 1980;1(3):283–94
McLellan TM, Skinner JS: The use of the aerobic threshold as a basis for training. Can J Appl Sport Sci 1981 Dec;6(4):197–201
McManus BM, Waller BF, Graboys TB, et al: Exercise and sudden-part II. Curr Probl Cardiol 1982 Jan;6(10):1–57
McManus BM, Waller BF, Graboys TB, et al: Exercise and sudden death-part I. Curr Probl Cardiol 1981 Dec;6(9):1–89
McNeill AW, Mozingo E: Changes in the metabolic cost of standardized work associated with the use of an oral

contraceptive. J Sports Med Phys Fitness 1981 Sep;21(3):238–44

McPherson K see **Herxheimer A**

McRae S, Topping M: Casualty attendances: one year's experience at Waikato Hospital. NZ Med J 1982 Jan 13;95(699):12–4

Macvicar MG, Harlan JD, Ouellette M: What do we know about the effects of sports training on the menstrual cycle? MCN 1982 Jan–Feb;7(1):55–8

Madigan RR, McCampbell BR: Thrombosis of the popliteal artery in a jogger. A case report. J Bone Joint Surg [Am] 1981 Dec; 63–A(9):1490–2

Madsen S see **Andersen GS**

Mada B, Lindemann H, Scheld H, et al: Fahrradergometrische Untersuchungen und Lungenfunktionsanalysen nach aortenisthmusplastik im kindesalter. Z Kardiol 1982 Jan; 71(1):44–9 (Eng. Abstr.) (Ger)

Maeda K see **Nakashima Y**

Maetani T see **Kawazoe Y**

Mafrici A see **Gronda E**

Magnatti P see **Dojmi Di Delupis G**

Mahler DA, Loke J: Pulmonary dysfunction in ultramarathon runners. Yale J Biol Med 1981 Jul–Aug;54(4):243–8

Mahler DA, Moritz ED, Loke J: Exercise performance in marathon runners with airway obstruction. Med Sci Sports Exerc 1981; 13(5):284–9

Mahler DA, Moritz ED, Loke J: Ventilatory responses at rest and during exercise in marathon runners. J Appl Physiol 1982 Feb; 52(2):388–92

Mahon M see **Willan PL**

Malchuk EIu: Osobennosti kislorodnogo obmena u bol'nykh khronicheskoĭ ishemicheskoĭ bolezn'iu serdtsa pri fizicheskoĭ nagruzke. Sov Med 1982;(1):7–10 (Eng. Abstr.) (Rus)

Maisey MN see **Wainwright RJ**

Makoeva LD, Pochechueva GA, Alekseeva NP, et al: Soderzhanie tsiklicheskogo adenozinmonofosfata u bol'nykh s razlichnymi formami neĭrotsirkuliarnoĭ distonii i ego dinamika pod vliianiem fizicheskoĭ. Ter Arkh 1981;53(12):34–7 (Eng. Abstr.) (Rus)

Makolkin VI, Syrkin AL, Aliliuev IG, et al: Kliniko–instrumental'naia diagnostika ishemicheskoĭ bolezni serdtsa u bol'nykh s neizmenennymi koronarnymi arteriiami. Kardiologiia 1982 Jan;22(1):15–8 (Eng. Abstr.) (Rus)

Makowiec–Dąbrowska T: Znaczenie wydolności fizycznej jako wskaźnika poziomu zasadniczych parametrów fizjologicznych podczas pracy fizycznej. Przegl Lek 1981;38(9):689–91 (Eng. Abstr.) (Pol)

Maksud MG see **Farrell PA**

Malina RM see **Meleski BW**

Malmqvist R, Ekholm I, Lindström L, et al: Measurement of localized muscle fatigue in building work. Ergonomics 1981 Sep; 24(9):695–709

Manak NA see **Sidorenko GI**

Mangla PK, Menon MP: Effect of nasal and oral breathing on exercise–induced asthma. Clin Allergy 1981 Sep;11(5):433–9

Manhem P, Bramnert M, Hulthén UL, et al: The effect of captopril on catecholamines, renin activity, angiotensin II and aldosterone in plasma during physical exercise in hypertensive patients. Eur J Clin Invest 1981 Oct;11(5):389–95

Mann RV: A kinetic analysis of sprinting. Med Sci Sports Exerc 1981;13(5):325–8

Mansfield PB see **Rittenhouse EA**

Manyari DE, Nolewajka AJ, Purves P, et al: Comparative value of the cold–pressor test and supine bicycle exercise to detect subjects with coronary artery disease using radionuclide ventriculography. Circulation 1982 Mar;65(3):571–9

Marescaux C see **Wasser P**

Margen S see **Sukhatme PV**

Margolis JF, Christina RW: A test of Schmidt's schema theory of discrete motor skill learning. Res Q Exerc Sport 1981 Dec; 52(4):474–83

Markee KM: Sports medicine–health care information–supply and demand. Br J Sports Med 1981 Dec;15(4):224–8

Markiewicz M, Kudlicki J, Wilkołaski J, et al: Wartość oznaczania amplitudy załamka R i zespołu QRS po submaksymalnym wysiłku fizycznym dla rozpoznawania choroby wieńcowej. Wiad Lek 1981 Sep 15;34(18):1493–8 (Eng. Abstr.) (Pol)

Markolf KL see **Shoemaker SC**

Marmot MG: Socio–economic and cultural factors in ischaemic heart disease. Adv Cardiol 1982;29:68–76

Marras WS see **Kroemer KH**

Marroni A, Zannini D: Effetti della variazione della velocità di risalita sulla produzione di bolle gassose circolanti dopo immersioni ad aria compressa. Minerva Med 1981 Dec 30; 72(52):3567–72 (Eng. Abstr.) (Ita)

Marroni A, Catalucci G: Alcune considerazioni su 209 casi di M.D.D. trattati nei Centri Iperbarici italiani nel 1978 e 1979. Minerva Med 1981 Dec 30;72(52):3595–9 (Eng. Abstr.) (Ita)

Mårtensson A see **Knutsson E**

Martfel J see **Brosin IH**

Martin BJ: Effect of sleep deprivation on tolerance of prolonged exercise. Eur J Applied Physiol 1981;47(4):345–54

Martin J: The Halliwick Method. Physiotherapy 1981 Oct; 67(10):288–91

Martin JH see **Ghez C**

Martin RK, Albright JP, Clarke WR, et al: Load–carrying effects on the adult beagle tibia. Med Sci Sports Exerc 1981;13(5):343–9

Martin TP see **Farrar RP**

Martinez S see **Daffner RH**

Martsevich SIu, Vygodin VA, Metelitsa VI: Vyubor optimal'noĭ dozy nitratov prolongirovannogo deĭstviia s pomoshch'iu testa s fizicheskoĭ nagruzkoĭ u bol'nykh stenokardieĭ napriazheniia. Ter Arkh 1981;53(12):22–6 (Eng. Abstr.) (Rus)

Marty PJ see **McDermott RJ**

Maslentseva SB see **Solonin YuG**

Mason DT see **Laslett LJ**

Mason KD: Sports medicine (2). Medical problems of long–distance swimming. Practitioner 1981 Aug;225(1358):1165–8

Masotti G see **Serneri GG**

Mataamé M see **de Swiniarski R**

Matsuo A see **Fukunaga T**

Matsushita K see **Araki T**

Matter P see **Gerber C**

Matter P see **Spinas GA**

Mattheos M, Shapiro E, Oldershaw PJ, et al: Non–invasive assessment of changes in left ventricular relaxation by combined phono–, echo–, and mechanocardiography. Br Heart J 1982 Mar; 47(3):253–60

Matthews RG see **Metcalf JA**

Mattoscio N see **Bondi S**

Matveenko EG see **Kaplan MA**

Mayou R: Effectiveness of cardiac rehabilitation. J Psychosom Res 1981;25(5):423–7

Meadows ID see **Roy RR**

Medina JL see **Diamond S**

Meerson FZ, Iavich MP: Izmenenie izozimnogo spektra piruvatkinazy v protsesse kompensatornoĭ giperfunktsii serdtsa. Vopr Med Khim 1982 Jan–Feb;28(1):98–103 (Eng. Abstr.) (Rus)

Meerson FZ, Beresneva ZV: Vliianie adaptatsii k fizicheskim nagruzkam na vozrastnuiu dinamimku sokratitel'noĭ funktsii i massy levogo zheludochka serdtsa cheloveka. Kardiologiia 1982 Jan;22(1):85–90 (Eng. Abstr.) (Rus)

Meerson FZ see **Guski H**

Mehta J, Mehta P: Comparison of platelet function during exercise in normal subjects and coronary artery disease patients: Potential role of platelet activation in myocardial ischemia. Am Heart J 1982 Jan;103(1):49–53

Mehta P see **Mehta J**

Meiss RA: Transient responses and continuous behavior of active smooth muscle during controlled stretches. Am J Physiol 1982 Mar;242(3):C146–58

Melacini P, Corbara F, Egloff C, et al: Valore diagnostico della prova da sforzo e della iperpnea in donne con sospetto di cardiopatia ischemica. Boll Soc Ital Cardiol 1980;25(11):1325–30 (Eng. Abstr.) (Ita)

Melcher A, Donald DE: Maintained ability of carotid baroreflex to regulate arterial pressure during exercise. Am J Physiol 1981 Dec;241(6):H838–49

Melchionda AM see **Clarkson PM**

Meleski BW, Malina RM, Bouchard C: Cortical bone, body size, and skeletal maturity in ice hockey players 10 to 12 years of age. Can J Appl Sport Sci 1981 Dec;6(4):212–7

Mellerowicz H see **Franz IW**

Mellström D, Rundgren A, Svanborg A: Previous alcohol consumption and its consequences of ageing, morbidity and mortality in men aged 70–75. Age Ageing 1981 Nov;10(4):277–86

Memetov KA see **Orlov LL**

Menon MP see **Mangla PK**

Merikoski Y see **Kostiainen S**

Messerli FH see **Suarez DH**

Metcalf JA, Guynn C, Matthews RG, et al: Telemetered monitoring in exercise therapy programs. Va Med 1982 Feb;109(2):130–1

Metcalfe J see **Edwards MJ**

Metelitsa VI see **Martsevich SIu**

Meyer M, Scheid P, Riepl G, et al: Pulmonary diffusion capacities for O2 and CO measured by a rebreathing technique. J Appl Physiol 1981 Dec;51(6):1643–50

Meyerink L see **Lansing RW**

Michaelson G see **Bjelle A**

Mickle D see **Rubin SA**

Mihalaş G see **Petroiu A**

Mihalaş G see **Schneider F**

Milanés J see **Molina A**

Miles DS, Sawka MN, Wilde SW, et al: Estimation of cardiac output by electrical impedance during arm exercise in women. J Appl Physiol 1981 Dec;51(6):1488–92

Milledge JS, Catley DM: Renin, aldosterone, and converting enzyme during exercise and acute hypoxia in humans. J Appl Physiol 1982 Feb;52(2):320–3

Miller AJ: Deglutition. Physiol Rev 1982 Jan;62(1):129–84 (401 ref.)

Miller DH, Borer JS: Exercise testing early after myocardial infarction. Risks and benefits. Am J Med 1982 Mar;72(3):427–38 (72 ref.)

Miller NP see **Erenstone R**

Miller WC see **Stein DA**

Millward G see **Cathcart F**

Milvy P, Colt E, Thornton J: A high incidence of urolithiasis in male marathon runners. J Sports Med Phys Fitness 1981 Sep;21(3):295–8

Minagawa A see **Felig P**

Minamiji K see **Nakashima Y**

Mirardi G, Boccardi L, Pennestri F, et al: Confronto tra l'ECG dinamico e il test da sforzo nello studio delle aritmie nell'infarto miocardico recente. G Ital Cardiol 1981;11(8):1063–71 (Eng. Abstr.) **(Ita)**

Minder E see **Hoffmann A**

Mir MA see **Jones GR**

Mironneau C see **Mironneau J**

Mironneau J, Savineau JP, Mironneau C: Compared effects of indapamide, hydrochlorothiazide and chlorthalidone on electrical and mechanical activities in vascular smooth muscle. Eur J Pharmacol 1981 Oct 22;75(2–3):109–13

Mitamura H: [Handgrip-exercise echocardiography for the diagnosis of ischemic heart disease (author's transl)] Kokyu To Junkan 1981 Oct;29(10):1099–107 (Eng. Abstr.) **(Jpn)**

Mitrev N, Kirchev V: A new type of dynamograph for measuring muscular strain. Folia Med (Plovdiv) 1981;23(1):54–8

Miyamoto Y, Takahashi M, Tamura T, et al: Continuous determination of cardiac output during exercise by the use of impedance plethysmography. Med Biol Eng Comput 1981 Sep;19(5):638–44

Miyashita M, Kanehisa H, Nemoto I: EMG related to anaerobic threshold. J Sports Med Phys Fitness 1981 Sep;21(3):209–17

Miyashita M see **Nemoto I**

Miyashita M see **Oda S**

Mocellin R: Ergometrie im Kindesalter. Normwerte und Bedeutung für die Kinderkardiologie. Herz 1982 Feb;7(1):42–9 (28 ref.) (Eng. Abstr.) **(Ger)**

Molé PA see **Thomas DP**

Molé PA see **Walberg JL**

Molina A, Carrasco H, Milanés J, et al: La prueba de esfuerzo en la miocardiopatía chagásica crónica. Su valor en el diagnóstico precoz. El comportamiento de la arritmias ventriculares y los trastornos de conducción al ejercicio en las fases más avanzadas de la enfermedad. Arq Bras Cardiol 1981 Feb;36(2):95–100 (Eng. Abstr.) **(Spa)**

Möller P: Skeletal muscle adaptation to aging and to respiratory and liver failure. Acta Med Scand [Suppl] 1982;654:1–40

Monaco BR, Noble HB, Bachman DC: Incomplete tears of the anterior cruciate ligament and knee locking. JAMA 1982 Mar 19;247(11):1582–4

Montebugnoli L see **Ambrosioni E**

Montpetit RR, Léger LA, Lavoie JM, et al: VO2 peak during free swimming using the backward extrapolation of the O2 recovery curve. Eur J Applied Physiol 1981;47(4):385–91

Morch JE see **Bar-Shlomo BZ**

Moreyra AE, Kostis JB, Hosler M, et al: Relationship of resting ejection fraction and extent of coronary arterial disease with changes of QRS amplitude during exercise stress testing. Angiology 1981 Nov;32(11):788–96

Morgan-Hughes JA see **Hayes DJ**

Moritani T see **Nagata A**

Moritz ED see **Mahler DA**

Morrey BF see **An KN**

Morrison JB, Florio JT, Butt WS: Effects of CO2 insensitivity and respiratory pattern on respiration in divers. Undersea Biomed Res 1981 Dec;8(4):209–17

Morrow JR Jr see **Holland JC**

Morton AR, Hahn AG, Fitch KD: Continuous and intermittent running in the provocation of asthma. Ann Allergy 1982 Feb;48(2):123–9

Morton AR see **Buono MJ**

Mozingo E see **McNeill AW**

Mrña B see **Tabarka K**

Mulieri LA see **Alpert NR**

Muller NL see **Tabachnik E**

Müller-Brand J see **Pfisterer M**

Muñoz-Clares R see **Vargas A**

Murakami T see **Lund JP**

Murdock LC see **Stavert DM**

Murnaghan DJ see **O'Hare JA**

Muro M see **Nagata A**

Murphy BJ, Hochachka PW, Zapol WM, et al: Free amino acids in the blood of fetal and maternal Weddell seals. Am J Physiol 1982 Jan;242(1):R85–8

Murphy FD see **Baron RC**

Murphy RA see **Aksoy MO**

Murphy RA see **Dillon PF**

Murray RG, Watts MP, MacFarlane D, et al: On-line computer-assisted exercise mapping. Cardiology 1981;68 Suppl 2:133–40

Murtagh JE: Exercises for your neck. Aust Fam Physician 1981 Dec;10(12):947

Mutz ID see **Baumgartner F**

Muzellec JJ see **Ollivier JP**

Myasnikov AL see **Kramer AA**

N

Nachtigall W: Hydromechanics and biology. Biophys Struct Mech 1981;8(1–2):1–22

Nadel ER see **Fortney SM**

Nagasaka H see **Kudo K**

Nagasaka T see **Hirata K**

Nagata A, Muro M, Moritani T, et al: Anaerobic threshold determination by blood lactate and myoelectric signals. Jpn J Physiol 1981;31(4):585–97

Nakamura S: Influence of exercise and smoking on high density lipoprotein cholesterol in university students. Tohoku J Exp Med 1981 Dec;135(4):443–4

Nakamura T, Abe H, Arai S, et al: The stress-strain relationship of the diastolic cardiac muscle and left ventricular compliance in the pressure-overload canine heart. Jpn Circ J 1982 Jan;46(1):76–83

Nakashima Y, Maeda K, Minamiji K, et al: Clinical evaluation of stress myocardial scintigraphy with thallium-201 in patients with ischemic heart disease. Semiquantitative analysis of single dose myocardial imaging. Jpn Circ J 1982 Mar;46(3):245–51

Nakayama T, Ohnuki Y, Kanosue K: Fall in skin temperature during exercise observed by thermography. Jpn J Physiol 1981;31(5):757–62

Namba T see **Pagala MK**

Nathorst Westfelt JA: Environmental factors in childhood accidents. A prospective study in Göteborg, Sweden. Acta Paediatr Scand [Suppl] 1982;291:1–75

Needham K see **Awan NA**

Nelson M: Psychological testing at high altitudes. Aviat Space Environ Med 1982 Feb;53(2):122–6

Nemoto I, Miyashita M: Aerobic and anaerobic threshold of Japanese male adults. J Hum Ergol (Tokyo) 1980 Dec;9(2):183–9

Nemoto I see **Miyashita M**

Netherton DR see **Lambert CA**

Neumann G, Schauer J, Schneider D, et al: Die Myokardszintigraphie mit Tc-99m-Diphosphonat bei Patienten mit koronarer Herzkrankheit: ein Vergleich mit Ekg- und hämodynamischen Untersuchungen in Ruhe und unter Belastung. Cor Vasa 1981;23(6):467–72 (Eng. Abstr.) **(Ger)**

Newham D see **Isenberg DA**

Nguyen NU, Dumoulin G, Bopp J, et al: Variations de l'activité rénine plasmatique au cours de l'exercise physique chez l'homme: influence de divers types d'activités intellectuelles. C R Soc Biol (Paris) 1981;175(6):846–50 (Eng. Abstr.) **(Fre)**

Nichols G, Goad RF, Page B, et al: A pilot study of skin disinfection in the hyperbaric environment. Undersea Biomed Res 1981 Dec;8(4):239–43

Niederberger M: Prinzipien der Ergometrie. Teil II: Beurteilungskriterien. Herz 1982 Feb;7(1):20–8 (114 ref.) (Eng. Abstr.) **(Ger)**

Niederberger M: Prinzipien der Ergometrie. Teil I: Physiologische Grundlagen und Methodik. Herz 1982 Feb;7(1):1–19 (Eng. Abstr.) **(Ger)**

Niederberger M see **Zilcher H**

Niederhauser HU see **Künzler A**

Niethals E see **Chakroun R**

Nikkilä EA see **Kuusi T**

Nilsen H see **Kvien TK**

Noakes TD: Food allergy in runners [letter] JAMA 1982 Mar 12;247(10):1406

Noakes TD: Heatstroke during the 1981 National Cross-Country Running Championships [letter] S Afr Med J 1982 Jan 30;61(5):145

Noakes TD: Fenbufen in the treatment of over-use injuries in long-distance runners [letter] S Afr Med J 1982 Feb 27;61(9):301

Noakes TD see **McKechnie JK**

Noble D see **Illingworth CM**

Noble HB see **Monaco BR**

Noble RG see **Vicente I**

Nobre F, Caramori JA, Vichi FL: Estudo cicloergométrico comparativo entre o método convencional e uma técnica manual, em grupos distintos de profissionais. Arq Bras Cardiol 1981 May;36(5):329–32 (Eng. Abstr.) **(Por)**

Nolan NG see **Lindsay J Jr**

Nolewajka AJ see **Manyari DE**

Norberg R, Thorstensson R, Utter G: Non-specific precipitin reactions of IgG at low ionic strength. J Immunol Methods 1982;49(1):113–6

Novák M see **Feltová S**

Novikov ID see **Kramer AA**

Nusynowitz ML, Sonnemaker RE, Floyd JL: Selection of patients for coronary arteriography with thallium-201: operating position on the receiver operating characteristic curve. Int J Nucl Med Biol 1981;8(2-3):204-8

Nwoye LO, Goldspink G: Energetics of isometric contraction in dystrophic fast and slow muscles. Muscle Nerve 1982 Jan; 5(1):69-72

Nyberg G: Vagal and sympathetic contributions to the heart rate at rest and during isometric and dynamic exercise in young healthy men. J Cardiovasc Pharmacol 1981 Nov-Dec; 3(6):1243-50

Nyssen E see Block P

O

O'Brien SR see Sly RM

O'Carroll PF, Sheehan JM, Gregg TM: Cervical spine injuries in rugby football. Ir Med J 1981 Dec;74(12):377-9

Oda S, Miyashita M: Muscle fatigue in relation to EMG during repeated and maintained maximal isometric contractions. J Hum Ergol (Tokyo) 1980 Dec;9(2):175-81

Odaglia G: Effetti e pericoli dell'iperventilazione. Minerva Med 1981 Dec 30;72(52):3579-87 (Eng. Abstr.) (Ita)

O'Donovan MJ see Pinter MJ

Oelofsen W see Basson AB

Oelz O: Von der Wirkung der Höhe auf den Menschen. Praxis 1982 Jan 12;71(2):70-7 (Eng. Abstr.) (Ger)

Oh SY, Balmer K, Tok S: Tödliche Schädelhirn-verletzung durch Skiunfälle und ihre Prophylaxe. Schweiz Z Sportmed 1981 Dec; 29(4):137-41 (Eng. Abstr.) (Ger)

O'Hare JA, Murnaghan DJ: Failure of anti-hypertensive drugs to control blood pressure rise with isometric exercise in hypertension. Postgrad Med J 1981 Sep;57(671):552-5

Ohnuki Y see Nakayama T

Okuda T, Kajiwara N, Date C, et al: Nutritional status of Papua New Guinea highlanders. J Nutr Sci Vitaminol (Tokyo) 1981; 27(4):319-31

Oldershaw PJ see Mattheos M

Olivieri L see Bertoni T

Olivieri V see Ciampolini M

Ollivier JP, L'Hour P, Muzellec JJ, et al: Effet de l'exercice physique sur les lipides sériques dans une population de 270 sujets sains. Diabete Metab 1981 Sep;7(3):195-8 (Eng. Abstr.) (Fre)

O'Loughlin BJ see Stavert DM

Ono S see Aizawa T

Oouchi Y see Imataka K

Opasich C see Vecchio C

Opdyke DF, Carroll RG, Keller NE: Catecholamine release and blood pressure changes induced by exercise in dogfish. Am J Physiol 1982 Mar;242(3):R306-10

Orava S, Hulkko A, Jormakka E: Exertion injuries in female athletes. Br J Sports Med 1981 Dec;15(4):229-33

Oren A see Weizman ML

Oriani G, Balzarini E, Barnini C, et al: Analisi comparativa di reperti radiografici di 'alterazioni strutturali' ossee in sommozzatori e non sommozzatori. Minerva Med 1981 Dec 30; 72(52):3573-8 (Eng. Abstr.) (Ita)

Orlov LL, Memetov KA, Trofimov VK: Gemodinamika i vneshnee dykhanie u bol'nykh bronkhial'noi astmoi v pokoe i pri fizicheskoi nagruzke. Sov Med 1982;(1):19-24 (Eng. Abstr.) (Rus)

Ornhagen HC, Tallberg P: Pressure equilibration of the middle ear during ascent. Undersea Biomed Res 1981 Dec;8(4):219-27

Osnes JB see Skomedal T

Otose H see Yoshida Y

Ott G see Spinas GA

Ouellette M see Macvicar MG

Oulton JL, Hobbs GM, Hicken P: Incentive breathing devices and chest physiopathy: a controlled therapy. Can J Surg 1981 Nov; 24(6):638-40

Owens R see Finol HJ

Oye I see Skomedal T

P

Pardo S, Karpman MB: The relationship between exercise intensity levels of two predictive heart rate equations and per cent maximal oxygen consumption. J Sports Med Phys Fitness 1981 Sep; 21(3):226-30

Pagala MK, Teda S, Namba T, et al: Neuromuscular transmission in neonatal mice injected with serum globulin of myasthenia gravis patients. Neurology (NY) 1982 Jan;32(1):12-7

Page A see Herendeen A

Page B see Nichols G

Palka MJ: Spirometric predicted values for teenage boys: relation to body composition and exercise performance. Bull Eur Physiopathol Respir 1982 Jan-Feb;18(1):59-64

Palmieri G see Bertorini T

Pamenter RW see Boyden TW

Pandolf KB see Shapiro Y

Paramonchik VM see Luganskii IuN

Paré EB, Stern JT Jr, Schwartz JM: Functional differentiation within the tensor fasciae latae. A telemetered electromyographic analysis of its locomotor roles. J Bone Joint Surg [Am] 1981 Dec;63-A(9):1457-71

Paris J see Sowers J

Parisi AF see Strauss WE

Parmiggiani F see Stein RB

Parmley WW see Chatterjee K

Partanen J see Falck B

Pashchenko AE see Chernov VD

Pate RR see Blair SN

Patel KR: The effect of calcium antagonist, nifedipine in exercise-induced asthma. Clin Allergy 1981 Sep;11(5):429-32

Patrick JM see Bassey EJ

Patrick JM see Doust JH

Patsouros KD see Cokkinos DV

Patterson RE, Horowitz SF, Eng C, et al: Can exercise electrocardiography and thallium-201 myocardial imaging exclude the diagnosis of coronary artery disease? Bayesian analysis of the clinical limits of exclusion and indications for coronary angiography. Am J Cardiol 1982 Apr 1;49(5):1127-35

Paul RJ see Rüegg JC

Paxton SJ see Trinder J

Pearl FJ see Wroblewski EM

Peatfield AC see Richardson PS

Pedersen A see Bech B

Pedersen A see Grande P

Pedersen EB, Kornerup HJ, Larsen JS: Responsiveness of the renin-aldosterone system during exercise in young patients with essential hypertension. Eur J Clin Invest 1981 Oct;11(5):403-8

Pedersen JZ see Bundgaard A

Pedersen PK see Welch HG

Pels AE 3d, Gilliam TB, Freedson PS, et al: Heart rate response to bicycle ergometer exercise in children ages 6-7 years. Med Sci Sports Exerc 1981;13(5):299-302

Pendergast DR see Szlyk PC

Pennestri F see Minardi G

Perondi R see Cutillo A

Pérot C, Goubel F: Synergy between bifunctional muscles at the ankle joint. Eur J Applied Physiol 1982;48(1):59-65

Pérot C, Goubel F: Effect of antagonistic contractions on the reflex response of a bifunctional muscle. Eur J Applied Physiol 1982; 48(1):51-8

Perrine JJ see Caiozzo VJ

Perry J, Jones MH, Thomas L: Functional evaluation of Rolfing in cerebral palsy. Dev Med Child Neurol 1981 Dec;23(6):717-29

Peterson DF see Armstrong RB

Peterson JW 3d: Simple model of smooth muscle myosin phosphorylation and dephosphorylation as rate-limiting mechanism. Biophys J 1982 Feb;37(2):453-9

Petheram IS see Spiro SG

Petrofsky JS, Phillips CA: The effect of elbow angle on the isometric strength and endurance of the elbow flexors in men and women. J Hum Ergol (Tokyo) 1980 Dec;9(2):125-31

Petroiu A, Schneider F, Mihalaş G, et al: A study concerning adaptability in overweight puberal children. Physiologie 1982 Jan-Mar;19(1):35-9

Petroiu A see Schneider F

Pettigrew P, Falconer J: Evaluation of a slimming group. Health Visit 1982 Feb;55(2):79-80

Pfisterer M, Müller-Brand J, Bründler H, et al: Prevalence and significance of reversible radionuclide ischemic perfusion defects in symptomatic aortic valve disease patients with or without concomitant coronary disease. Am Heart J 1982 Jan;103(1):92-6

Pfisterer M, Müller-Brand J, Burkart F: Combined acebutolol/nifedipine therapy in patients with chronic coronary artery disease: additional improvement of ischemia-induced left ventricular dysfunction. Am J Cardiol 1982 Apr 1;49(5):1259-66

Pheasant ST see Grieve DW

Phelps CP see Tamásy V

Phillips CA see Petrofsky JS

Phillips R see Prosser G

Pianzola E see Trevethan S

Pic A see Broustet JP

Pickering TG, Harshfield GA, Kleinert HD, et al: Blood pressure during normal daily activities, sleep, and exercise. Comparison of values in normal and hypertensive subjects. JAMA 1982 Feb 19;247(7):992-6

Piehl K see Karlsson J

Pietiläinen M see Huttunen NP

Pigolli P see Longo T

Pilger E see Schmid P

Pimble J see Bradley GW

Pinelli G, Di Pasquale G, Alberici S, et al: Indicazioni in cardiologia all'impiego della fosfocreatina. Clin Ter 1982 Feb 15; 100(3):261-79 (Eng. Abstr.) (Ita)

Pink M see Dufek P

Pinter MJ, Burke RE, O'Donovan MJ, et al: Supraspinal facilitation of cutaneous polysynaptic EPSPs in cat medical gastrocnemius motoneurons. Exp Brain Res 1982;45(1-2):133-43

PHYSICAL FITNESS/SPORTS MEDICINE

Pirastu A see **Corallo S**
Pirelli S, Candotti C, Ferratini M, et al: Valutazione ergometrica di 100 bambini normali tra i 5 e i 12 anni. G Ital Cardiol 1981; 11(6):719–23 (Eng. Abstr.) **(Ita)**
Pirelli S see **De Ponti C**
Pitchon R see **Stern EH**
Pitt B, Thrall JH: Evaluation of patients with ischemic heart disease by thallium-201 myocardial imaging. Am Heart J 1982 Apr;103(4 Pt 2):784–8
Piziewicz A see **Betlejewski S**
Plech A see **Herman ZS**
Plyley MJ see **Thomas SG**
Pochechueva GA see **Makoeva LD**
Pochon JP see **Klöti J**
Poggesi L see **Serneri GG**
Pollack MA see **Bennett HS**
Pollock ML, Foster C, Schmidt D, et al: Comparative analysis of physiologic responses to three different maximal graded exercise test protocols in healthy women. Am Heart J 1982 Mar; 103(3):363–73
Pollock ML see **Farrell PA**
Pontzer CH see **Gambert SR**
Pool PE, Seagren SC: Long-term efficacy of diltiazem in chronic stable angina associated with atherosclerosis: effect on treadmill exercise. Am J Cardiol 1982 Feb 18;49(3):573–7
Pool PE see **Hossack KF**
Porter JM, Horne JA: Exercise and sleep behaviour. A questionnaire approach. Ergonomics 1981 Jul;24(7):511–21
Poslušný Z see **Veselková A**
Pottier-Arnould AM see **Chakroun R**
Pravetskiĭ NV see **Katkov AIu**
Préda I see **Antalóczy Z**
Press LJ: Sports vision [letter] J Am Optom Assoc 1981 Nov; 52(11):904
Příkryl P, Kunovská V, Kvetňanský R, et al: Změny plazmatických hladin adrenalinu a noradrenalinu u esenciální hypertenze v závislosti na emočním a fyzikálním zatížení. Vnitr Lek 1982 Jan; 28(1):1–9 (Eng. Abstr.) **(Cze)**
Pritchett JW: A statistical study of Knee injuries due to football in high-school athletes. J Bone Joint Surg [Am] 1982 Feb; 64(2):240–2
Procci WR see **Sullivan PA**
Procházka M see **Simon J**
Proctor KG, Duling BR: Adenosine and free-flow functional hyperemia in striated muscle. Am J Physiol 1982 Apr; 242(4):H688–97
Prosser G, Carson P, Phillips R, et al: Morale in coronary patients following an exercise programme. J Psychosom Res 1981; 25(6):587–93
Prostran M see **Varagic VM**
Proudfit WL see **Kramer JR**
Puccini E, Bigalli A, Buonomini G, et al: L'analisi quantitativa dell'ECG da sforzo mediante CPU: descrizione del metodo e primi risultati. Boll Soc Ital Cardiol 1980;25(11):1331–42 (Eng. Abstr.) **(Ita)**
Puhl JL, Runyan WS, Kruse SJ: Erythrocyte changes during training in high school women cross-country runners. Res Q Exerc Sport 1981 Dec;52(4):484–94
Purves P see **Manyari DE**
Pytel JL, Kamon E: Dynamic strength test as a predictor for maximal and acceptable lifting. Ergonomics 1981 Sep; 24(9):663–72

R

Rainey HB: Rugby injuries [letter] NZ Med J 1982 Jan 13; 95(699):22–3
Rall JA: Sense and nonsense about the Fenn effect. Am J Physiol 1982 Jan;242(1):H1–6
Rapcsák M see **Szöör A**
Rath EA: The biochemical basis of obesity. Sci Prog 1981 Autumn; 67(267):357–76 (110 ref.)
Ratib O, Henze E, Hoffman E, et al: Performance of the rotating slant-hole collimator for the detection of myocardial perfusion abnormalities. J Nucl Med 1982 Jan;23(1):34–41
Rausher H see **Birrer RB**
Read MT: Stress fractures of the distal radius in adolescent gymnasts. Br J Sports Med 1981 Dec;15(4):272–6
Regnier CH see **Susset JG**
Regős L see **Antalóczy Z**
Reimer S see **Steinhardt M**
Reischl P see **Stavert DM**
Remily RM see **Capasso JM**
Reuter M see **Arvay G**
Reuther K see **Cetti R**
Rhodes EC, McKenzie DC, Coutts KD, et al: A field test for the prediction of aerobic capacity in male paraplegics and quadraplegics. Can J Appl Sport Sci 1981 Dec;6(4):182–6
Riba AL see **Lewis SM**
Richard DJ see **Block BH**
Richardson JH, Smith S: A comparison of the effects of Dianabol and methyltestosterone on muscle contraction and fatigue. J Sports Med Phys Fitness 1981 Sep;21(3):279–81
Richardson JH, Grindstaff JB: An in-vivo method of measuring strength and fatigue in small mammals. J Sports Med Phys Fitness 1981 Sep;21(3):231–2
Richardson PS, Peatfield AC: Reflexes concerned in the defence of the lungs. Bull Eur Physiopathol Respir 1981 Nov–Dec; 17(6):979–1012 (199 ref.)
Richter HP: Impairment of motor recovery after late nerve suture: experimental study in the rabbit. Part 1: functional and electromyographic findings. Neurosurgery 1982 Jan;10(1):70–4
Ridocci F see **Velasco JA**
Riepl G see **Meyer M**
Riggs CE Jr, Johnson DJ, Konopka BJ, et al: Exercise heart rate response to facial cooling. Eur J Applied Physiol 1981; 47(4):323–30
Rigo P, Chevigne M, Legrand V, et al: Radionuclide angiography during exercise: review of methodology and results in normal subjects. Acta Cardiol [Suppl] (Brux) 1981;26 Suppl:87–94
Rigo P see **Smeets JP**
Rijnsburger WH see **van Heuningen R**
Rikli R see **Arnett B**
Ritchie JL: Myocardial perfusion imaging. Am J Cardiol 1982 Apr 1;49(5):1341–7
Rittenhouse EA, Sauvage LR, Mansfield PB, et al: Severe left main coronary arterial stenosis with right coronary arterial occlusion: results of bypass graft surgery. Am J Cardiol 1982 Mar; 49(4):645–50
Ritterman JB see **Hossack KF**
Riviere A, Denolin H: Complications cardiovasculaires aiguës et pratique du sport. Ann Cardiol Angeiol (Paris) 1981 Nov; 30(6):375–8 (38 ref.) (Eng. Abstr.) **(Fre)**
Rizi HR, Kline RC, Besozzi MC, et al: Walk-through angina phenomenon demonstrated by graded exercise radionuclide ventriculography: possible coronary spasm mechanisms. Am Heart J 1982 Feb;103(2):292–5
Roberts RG see **Withers RT**
Roberts WC see **Siegel RJ**
Robertson LA see **Higgs SL**
Robinowitz M see **Virmani R**
Robinson KC see **Conlee RK**
Rocquelin G, Juaneda P, Cluzan R: Influence of physical training on the effects of dietary oils on cardiac morphology and phospholipids in rats. Ann Nutr Metab 1981 Nov–Dec; 25(6):350–61
Rognum TO, Vaage O, Høstmark A, et al: Metabolic responses to bicycle exercise after several days of physical work and energy deficiency. Scand J Clin Lab Invest 1981 Oct;41(6):565–71
Román O: Rehabilitación en cardiópatas. Rev Med Chil 1981 May; 109(5):453–8 (Eng. Abstr.) **(Spa)**
Rooke GA, Feigl EO: Work as a correlate of canine left ventricular oxygen consumption, and the problem of catecholamine oxygen wasting. Circ Res 1982 Feb;50(2):273–86
Rorie DK see **Freeman WK**
Rosenbaum SH see **Askanazi J**
Rosenthal JE, Ferrier GR: Inotropic and electrophysiologic effects of amrinone in untreated and digitalized ventricular tissues. J Pharmacol Exp Ther 1982 Apr;221(1):188–96
Rosenthal MM, Beutell NJ: Movement and body-image: a preliminary study. Percept Mot Skills 1981 Dec;53(3):758
Rosing DR see **Kent KM**
Rossignol S see **Lund JP**
Rössner S see **Kaiser P**
Rost R see **Hollmann W**
Röthlisberger M see **Schwarzenbach M**
Rotkis TC see **Coyle EF**
Rouleau JL see **Chatterjee K**
Rouleau JR see **Dagenais GR**
Roupe S, Svanborg A: Previous job and health at the age of 70. Scand J Soc Med 1981;9(1):25–31
Rourke KE: Common ski injuries. JEN 1981 Nov–Dec;7(6):245–9
Rouse M see **Hoffman LG**
Roy RR, Meadows ID, Baldwin KM, et al: Functional significance of compensatory overloaded rat fast muscle. J Appl Physiol 1982 Feb;52(2):473–8
Rozanova NA, Chetverikova EP: Dinamika chetvertichnoĭ struktury kreatinkinazy iz skeletnykh myshts krolika. Biokhimiia 1981; 46(12):2125–35 (Eng. Abstr.) **(Rus)**
Rozenek R see **Gregor RJ**
Rozier CK, Schafer DS: Isokinetic strength training: comparison of daily and three times weekly patterns. Int J Rehabil Res 1981; 4(3):345–51
Rubin BD see **Chick RP**
Rubin SA, Mickle D: A simply constructed treadmill for rodent exercise studies. J Appl Physiol 1982 Feb;52(2):505–7
Rüdiger HJ, Homburger H, Antoni H: Effects of a new antiarrhythmic compound (2-benzal-1-(2' diisopropyl-amino-ethoxy-imino)-cycloheptane hydrogen

fumarate] on the electrophysiological properties of mammalian cardiac cells. Naunyn Schmiedebergs Arch Pharmacol 1981 Nov; 317(3):238-44

Rudolph W see **Kraus F**

Rüegg JC, Paul RJ: Vascular smooth muscle. Calmodulin and cyclic AMP-dependent protein kinase after calcium sensitivity in porcine carotid skinned fibers. Circ Res 1982 Mar;50(3):394-9

Rumbach L see **Wesser P**

Rundgren A see **Mellström D**

Runyan WS see **Puhl JL**

Ruth RA, Arora NS, Gal TJ: Stapedius reflex in curarized subjects: an index of neuromuscular weakness. J Appl Physiol 1982 Feb; 52(2):416-20

Ryan JB see **Hoffman LG**

Ryan WF see **Jelinek VM**

Rychta T see **Dobrzański T**

Rydén L see **Arnman K**

Rywik S see **Kupść W**

S

Saarinen P see **Kuusi T**

Sabapathy FR: Patient reaction to the Singapore General Hospital cardiac rehabilitation programme. Singapore Med J 1981 Aug; 22(4):236-8

Sable DL, Brammell HL, Sheehan MW, et al: Attenuation of exercise conditioning by beta adrenergic blockade. Circulation 1982 Apr;65(4):679-84

Sadick N see **Tan AT**

Sadowski J, Gellert R, Kurkus J, et al: Denervated and intact kidney responses to exercise in the dog. J Appl Physiol 1981 Dec;51(6):1618-24

Sady SP, Freedson PS, Gilliam TB: Calculation of submaximal and maximal cardiac output in children using the CO2 rebreathing technique. J Sports Med Phys Fitness 1981 Sep;21(3):245-52

Salas M, Torrero C: La conducta de nado en la rata como un modelo para evaluar el desarrollo cerebral. Bol Estud Med Biol 1980 Jul-Oct;31(3-4):161-8 (40 ref.) (Eng. Abstr.) (Spa)

Sale DG see **MacDougall JD**

Salminen A, Vihko V: Changes of dipeptidyl aminopeptidase activities in mouse skeletal muscle following prolonged running. Comp Biochem Physiol [B] 1982;71B(1):23-7

Samanta A, Chatterjee BB: A physiological study of manual lifting of loads in Indians. Ergonomics 1981 Jul;24(7):557-64

Samek L, Greene R, Droste C, et al: Results of exercise tests and prognosis in postinfarction patients below age 40. Cardiology 1981;68 Suppl 2:84-90

Samoilenko LE see **Gasilin VS**

Sanborn BM, Sherwood OD: Effect of relaxin on bound cAMP in rat uterus. Endocr Res Commun 1981;8(3):179-92

Sanchez-Cascos A: Evaluation of effect of drugs on the exercise ECG. Cardiology 1981;68 Suppl 2:190-4

Sánchez-Pozo A see **Vargas A**

Sánchez Torres G see **Trevethan S**

Sandage BW Jr see **Bright TP**

Sanmarco ME see **Sarma RJ**

Santinga JT: Inability of a chest pain history questionnaire to predict coronary disease in the exercise laboratory [letter] Am J Cardiol 1982 Mar;49(4 Pt 2):1084-5

Sanzén L, Westlin N: Kroniska akillessenebesvär hos idrottsmän. Lakartidningen 1981 Aug 19;78(34):2852-4 (Eng. Abstr.) (Swe)

Sarica G see **Schirripa V**

Sarma RJ, Sanmarco ME: Reversal of exercise-induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. Circulation 1982 Apr;65(4):684-9

Sato Y see **DeFronzo RA**

Saunders JH see **Griffith CD**

Sauvage LR see **Rittenhouse EA**

Savineau JP see **Mironneau J**

Savini P see **Ciampolini M**

Sawka MN see **Glaser RM**

Sawka MN see **Miles DS**

Schabel SI see **Ginthner TP**

Schachten H see **Dufaux B**

Schafer DS see **Rozier CK**

Schauer J see **Neumann G**

Scheid P see **Meyer M**

Scheld H see **Madu B**

Schellekens J see **Ultee CA**

Schemmel R see **Balwin K**

Schirripa V, Attisano N, Sarica G, et al: Studio della funzione ventricolare sinistra con metodo poligrafico in soggetti affetti da ipertensione arteriosa sistemica. Minerva Med 1982 Jan 14; 73(1-2):77-80 (Eng. Abstr.) (Ita)

Schlaepfer A see **Jeanneret O**

Schmelzer M see **Bassett C**

Schmid P, Wolf W, Pilger E, et al: TSH, T3, rT3 and fT4 in maximal and submaximal physical exercise. Eur J Applied Physiol 1982; 48(1):31-9

Schmidt A see **Bundgaard A**

Schmidt D see **Pollock ML**

Schmidt MN, Gray P, Tyler S: Selected fitness parameters of college female lacrosse players. J Sports Med Phys Fitness 1981 Sep;21(3):282-90

Schnabel A see **Stegmann H**

Schneider D see **Neumann G**

Schneider F, Mihalaş G, Petroiu A, et al: Electrocardiographic and metabolic investigations concerning the exhaustive exercise under conditions of adrenergic blocking in rats. Physiologie 1982 Jan-Mar;19(1):31-3

Schneider F see **Petroiu A**

Schneider W see **Huey RB**

Schoeffel RE see **Young IH**

Scholl JM see **Brévers G**

Schulz L: Nährstoffeintrag in Seen durch Badegäste. Zentralbl Bakteriol Mikrobiol Hyg [B] 1981 Sep;173(6):528-48 (Eng. Abstr.) (Ger)

Schulz W, Kaltenbach M: Antianginal effect of nifedipine after intracoronary and intravenous administration judged by reduction of ischemic ST-segment depression in exercise tests. Cardiology 1981;68 Suppl 2:200-8

Schurtz C, Lesbre JP, Kalisa A, et al: La sévérité lésionnelle de l'angor post-infarctus. Ann Cardiol Angeiol (Paris) 1981 Nov; 30(6):389-93 (Eng. Abstr.) (Fre)

Schwartz JM see **Paré EB**

Schwartzbach AL see **Hammer A**

Schwarzenbach M, Röthlisberger M, Herwig K, et al: Skiunfallfrakturen bei Kindern. Schweiz Z Sportmed 1981 Dec; 29(4):116-20 (Eng. Abstr.) (Ger)

Scimone FS: Effect of a mouth appliance on athletic performance. J Mass Dent Soc 1981;30(3):156-8

Seagren SC see **Pool PE**

Sedlak-Weinstein E see **Weinstein S**

Sedlock DA see **Knowlton RG**

Segal BL see **Iskandrian AS**

Selwyn A see **Deanfield J**

Senay LC Jr see **Gaebelein CJ**

Senft KR, Eyster ME, Haverstick J, et al: Risk-taking and the adolescent hemophiliac. J Adolesc Health Care 1981 Dec; 2(2):87-91

Serafini C see **Dojmi Di Delupis G**

Serby CW see **König P**

Serneri GG, Masotti G, Poggesi L, et al: Reduced prostacyclin production in patients with different manifestations of ischemic heart disease. Am J Cardiol 1982 Apr 1;49(5):1146-51

Shahabudin SH: Aerobic capacity and habitual physical activity in three groups of apparently healthy Malay males. Med J Malaysia 1981 Mar;36(1):47-51

Shapiro E see **Matthees M**

Shapiro Y, Pandolf KB, Goldman RF: Predicting sweat loss response to exercise, environment and clothing. Eur J Applied Physiol 1982;48(1):83-96

Sharp DS see **Daniels WL**

Shatz M: Mental preparation for athletic competition. J Am Coll Health Assoc 1981 Dec;30(3):143-4

Sheehan JM see **O'Carroll PF**

Sheehan MW see **Sable DL**

Shephard RJ see **Cox M**

Shephard RJ see **Davis GM**

Sherdukalova LF, Avakian LO: Znachenie reaktsii legochnogo gazoobmena na fizicheskuiu nagruzku v otsenke éffektivnosti mitral'noĭ komissurotomii. Sov Med 1982;(1):15-9 (Eng. Abstr.) (Rus)

Sherman WM, Costill DL, Fink WJ, et al: Effect of exercise-diet manipulation on muscle glycogen and its subsequent utilization during performance. Int J Sports Med 1981 May;2(2):114-8

Sherwood OD see **Sanborn BM**

Shoemaker SC, Markolf KL: In vivo rotatory knee stability. Ligamentous and muscular contributions. J Bone Joint Surg [Am] 1982 Feb;64(2):208-16

Shorin IuP, Kazin EM, Efremova GV: Sutochnye i sezonnye ritmy aktivnosti kory nadpochechnikov u belykh krys pri fizicheskikh trenirovkakh. Probl Endokrinol (Mosk) 1981;27(6):49-52 (Eng. Abstr.) (Rus)

Shubik VM: Izuchenie immunologicheskikh reaktsiĭ u iunykh sportsmenov. Gig Sanit 1981 Nov;(11):21-4 (Eng. Abstr.) (Rus)

Shute RE see **Carey RJ**

Shvartz E, Convertino VA, Keil LC, et al: Orthostatic fluid-electrolyte and endocrine responses in fainters and nonfainters. J Appl Physiol 1981 Dec;51(6):1404-10

Siciliano S see **Greco R**

Sidhu LS see **Bhanot JL**

Sidorenko GI, Manak NA: Al'gezimetriia pri ishemicheskoĭ bolezni serdtsa i neirotsirkuliatornoĭ distonii. Kardiologiia 1981 Dec; 21(12):87-92 (Eng. Abstr.) (Rus)

Siegel D see **Johnson J**

Siegel IM, Weiss LA: Postural substitution in Duchenne's muscular dystrophy [letter] JAMA 1982 Feb 5;247(5):584

Siegel RJ, French WJ, Roberts WC: Spontaneous exercise testing: running as an early unmasker of underlying cardiac amyloidosis. Arch Intern Med 1982 Feb;142(2):345

Siegelová J see **Feltová S**

Siegman MJ see **Butler TM**

Siemsen SJ, Vibe P: Boldspilmål som årsag til alvorlige kranielaesioner. Ugeskr Laeger 1981 Dec 21;143(52):3558 (Eng. Abstr.) (Dan)

Silagy ZS see **Erenstone R**

Silke B, Hendry WG, Taylor SH: Immediate and sustained haemodynamic effects of prazosin during upright exercise in man. Br Heart J 1981 Dec;46(6):663–70

Silverman M, Tooley M: Oxatomide and exercise-induced asthma in children: the value of serial exercise tests. Clin Allergy 1981 Sep;11(5):421–8

Silverman M see **Souza LM**

Simon G see **Dickhuth HH**

Simon J, Techlová R, Procházka M, et al: Fyzická zdatnost prumyslové populace mužu středního věku s rizikovými faktory ischemické choroby srdeční. Cas Lek Cesk 1981 Nov 19; 120(46):1398–1401 (Eng. Abstr.) (Cze)

Simoons ML, Balakumaran K: The effects of drugs on the exercise electrocardiogram. Cardiology 1981;68 Suppl 2:124–32

Sjödin B, Jacobs I, Karlsson J: Onset of blood lactate accumulation and enzyme activities in m. vastus lateralis in man. Int J Sports Med 1981 Aug;2(3):166–70

Sjödin B, Jacobs I: Onset of blood lactate accumulation and marathon running performance. Int J Sports Med 1981 Feb; 2(1):23–6

Sjödin B see **Komi PV**

Skinner JS see **McLellan TM**

Skomedal T, Osnes JB, Oye I: Differences between alpha-adrenergic and beta-adrenergic inotropic effects in rat heart papillary muscles. Acta Pharmacol Toxicol (Copenh) 1982 Jan;50(1):1–12

Sly RM, O'Brien SR: Effect of oral terbutaline on exercise-induced asthma. Ann Allergy 1982 Mar;48(3):151–5

Smeets JP, Rigo P, Legrand V, et al: Prognostic value of thallium-201 stress myocardial scintigraphy with exercise ECG after myocardial infarction. Cardiology 1981;68 Suppl 2:67–70

Smit PJ, Giesel J: Apnoeic diving safety – experimental approaches to oxygen augmentation. S Afr Med J 1981 Dec 19;60(25):959–64

Smith AM: The coactivation of antagonist muscles. Can J Physiol Pharmacol 1981 Jul;59(7):733–47 (82 ref.)

Smith JL see **Dressendorfer RH**

Smith RS, Bojsen J, Warren DJ: Assessment of cadmium telluride detector system for measurement of muscle blood flow during dynamic exercise in man. Cardiovasc Res 1981 Dec;15(12):731–4

Smith S see **Richardson JH**

Smith SD: Upper body strength and dentistry [letter] J Am Dent Assoc 1982 Feb;104(2):140, 142

Solonin YuG, Maslentseva SB, Kuznetsova ZM, et al: Age differences in some physiological functions during heavy physical work. Hum Physiol 1981 Mar–Apr;7(2):92–8

Sonnemaker RE see **Nusynowitz ML**

Sonnen AE: Epilepsy and swimming. Monogr Neural Sci 1981; 5:265–70

Sonnenblick EH see **Capasso JM**

Souhrada JF see **Souhrada M**

Souhrada M, Souhrada JF: Reassessment of electrophysiological and contractile characteristics of sensitized airway smooth muscle. Respir Physiol 1981 Oct;46(1):17–27

Souza LM, Silverman M: Prostaglandins in exercise-induced asthma [letter] Clin Allergy 1981 Sep;11(5):506–7

Sowers J, Catania R, Paris J, et al: Effects of bromocriptine on renin, aldosterone, and prolactin responses to posture and metoclopramide in idiopathic edema: possible therapeutic approach. J Clin Endocrinol Metab 1982 Mar;54(3):510–6

Sowton E see **Wainwrwight RJ**

Spector R see **Keogh JF**

Spinas GA, Ott G, Matter P: Entwicklungstendenzen beim alpinen Skiunfall. Schweiz Z Sportmed 1981 Dec;29(4):109–15 (Eng. Abstr.) (Ger)

Spirduso WW see **Yandell KM**

Spiro AJ see **Bennett HS**

Spiro SG, Bierman CW, Petheram IS: Reproducibility of flow rates measured with low density gas mixtures in exercise-induced bronchospasm. Thorax 1981 Nov;36(11):852–7

Spring H: Muskelfunktionsdiagnostik nach Janda. Ergebnisse einer Untersuchung an Skirennfahrern der Nationalmannschaften Schweiz und Liechtenstein. Schweiz Z Sportmed 1981 Dec; 29(4):143–6 (Eng. Abstr.) (Ger)

Srinivasan M, Young A, Baker G, et al: The value of postcardiac infarction exercise stress testing: identification of a group at high risk. Med J Aust 1981 Oct 31;2(9):466–7

Stainsby WN: Energetic patterns of normally circulated mammalian muscle in situ. Fed Proc 1982 Feb;41(2):185–8

Stanforth P see **Boyden TW**

Stang-Voss C, Appell HJ: Structural alterations of liver parenchyma induced by anabolic steroids. Int J Sports Med 1981 May;2(2):101–5

Stankiewicz-Niczyporowicz J, Górski J: Effect of tenotomy and denervation on the early post-exercise glycogen recovery in skeletal muscles of the rat. Acta Physiol Pol 1981;32(4):449–54

Stapleton JJ see **Cunningham DA**

Starling JA, Allen BL, Kaeini MR, et al: Phosphofructokinase from Ascaris suum. Purification and properties. J Biol Chem 1982 Apr 10;257(7):3795–800

Stattelman AJ see **Huber TL**

Stavert DM, Reischl P, O'Loughlin BJ: A respiratory mask for resting and exercising dogs. J Appl Physiol 1982 Feb;52(2):500–4

Stavert DM, Reischl P, Murdock LC: A refrigerated treadmill apparatus for exercising dogs. J Appl Physiol 1982 Feb; 52(2):495–9

Steele P see **Hossack KF**

Steer RC see **Wilson MJ**

Stefaniak JE, Hebert LA, Garancis JC, et al: Effect of moderate daily exercise on acute glomerulonephritis. Nephron 1981; 29(1–2):49–54

Steffen RP see **McKenzie JE**

Stefl DJ, Gudas CJ: Subacute anterior tibial compartment syndrome. J Foot Surg 1981 Winter;20(4):258–61

Stegmann H, Kindermann W, Schnabel A: Lactate kinetics and individual anaerobic threshold. Int J Sports Med 1981 Aug; 2(3):160–5

Stein DA, Bradley BL, Miller WC: Mechanisms of oxygen effects on exercise in patients with chronic obstructive pulmonary disease. Chest 1982 Jan;81(1):6–10

Stein RB, Parmiggiani F: Nonlinear summation of contractions in cat muscles. I. Early depression. J Gen Physiol 1981 Sep; 78(3):277–93

Stein RB see **Lee RG**

Steinhardt M, Bünger U, Reimer S, et al: Sauerstoffaufnahme (VO2) und Kohlendioxidabgabe (VCO2) bei erschöpfenden physischen Belastungen der Schweine. Arch Exp Veterinarmed 1981; 35(5):725–36 (Eng. Abstr.) (Ger)

Stejfa M, Dvořák I, Zemánková J, et al: Casný zátěžový test po čerstvém srdečním infarktu. Vnitr Lek 1982 Jan;28(1):28–37 (Eng. Abstr.) (Cze)

Stephens JA see **Datta AK**

Stephens NL, Claes VA, Brutsaert DL: Relaxation of tetanised smooth muscle of canine saphenous vein. Cardiovasc Res 1981 Nov;15(11):632–6

Stephenson LA see **Kolka MA**

Sterin-Speziale N see **Bonacossa A**

Stern EH, Pitchon R, King BD, et al: Clinical use of oral verapamil in chronic and paroxysmal atrial fibrillation. Chest 1982 Mar; 81(3):308–11

Stern JR see **Wells CL**

Stern JS see **Walberg JL**

Stern JT Jr see **Paré EB**

Stevenson J see **Trinder J**

Stewart GA: The heart score theory in the racehorse. Aust Vet J 1981 Sep;57(9):422–8 (33 ref.)

Stewart ID see **Inglis GS**

Stewart N: The value of sport in the rehabilitation of the physically disabled. Can J Appl Sport Sci 1981 Dec;6(4):166–7

Stones MJ, Kozma A: Adult age trends in athletic performances. Exp Aging Res 1981 Fall;7(3):269–80

Strauss WE, McIntyre KM, Parisi AF, et al: Safety and efficacy of diltiazem hydrochloride for the treatment of stable angina pectoris: report of a cooperative clinical trial. Am J Cardiol 1982 Feb 18;49(3):560–6

Streitberger I see **Dufaux B**

Stripling WD: Displaced intra-articular osteochondral fracture—cause for irreducible dislocation of the distal interphalangeal joint. J Hand Surg 1982 Jan;7(1):77–8

Strizak AM, Danzig L, Jackson DW, et al: Subacromial bursography. An anatomical and clinical study. J Bone Joint Surg [Am] 1982 Feb;64(2):196–201

Strong WB, Alpert BS: The child with heart disease: play, recreation, and sports. Curr Probl Cardiol 1981 Nov;6(8):1–38

Stull GA see **Kearney JT**

Suarez DH, Messerli FH, Ventura HO, et al: Baroreceptor stimulation and isometric exercise in normotensive and borderline hypertensive subjects. Clin Sci 1982 Mar;62(3):307–9

Sukhatme PV, Margen S: Autoregulatory homestatic nature of energy balance. Am J Clin Nutr 1982 Feb;35(2):355–65

Sullivan PA, Procci WR, DeQuattro V, et al: Anger, anxiety, guilt and increased basal and stress-induced neurogenic tone: causes or effects in primary hypertension? Clin Sci [Suppl] 1981 Dec; 61(7):389s–392s

Summers BA see **Hayes DJ**

Suryaprasad AG see **Glaser RM**

Susset JG, Brissot RB, Regnier CH: The stop-flow technique: a way to measure detrusor strength. J Urol 1982 Mar;127(3):489–94

Suwa J see **Karasawa K**

Suzuki AK, Ichinose T, Tsubone H, et al: Effects of acute nitrogen dioxide exposure on swimming performance of mice.

PHYSICAL FITNESS/SPORTS MEDICINE

J Toxicol Environ Health 1982 Jan;9(1):165–72
Suzuki Y see **Bonde-Petersen F**
Svanborg A see **Mellström D**
Svanborg A see **Roupe S**
Syrkin AL see **Makolkin VI**
Szathmáry G see **Arvay G**
Székely J see **Bihari-Varga M**
Szentendrei T see **Fekete MI**
Szlachcic J see **Waters DD**
Szlyk PC, McDonald BW, Pendergast DR, et al: Control of ventilation during graded exercise in the dog. Respir Physiol 1981 Dec;46(3):345–65
Szöör A, Rapcsák M, Hollósi G: Experimental investigations on the hypokinesis of skeletal muscles with different functions, VIII. Effect of plaster-cast immobilization on the contractile properties of rat skeletal muscles with different functions. Acta Biol Acad Sci Hung 1981;32(2):129–35
Sztobryn M, Grabski W, Jegier A, et al: Badanie metabolicznej adaptacji do wysiłku fizycznego u chorych na przewlekłe zapalenie oskrzeli. Pneumonol Pol 1981;49(10):683–9 (Eng. Abstr.) (Pol)

T

Tabachnik E, Muller NL, Bryan AC, et al: Changes in ventilation and chest wall mechanics during sleep in normal adolescents. J Appl Physiol 1981 Sep;51(3):557–64
Taberka K, Mrňa B: Léčebná tělesná výchova jako součást rehabilitace schizofreniu. Cesk Psychiatr 1981;77(4):237–40 (Eng. Abstr.) (Cze)
Tada S see **Pagala MK**
Taggart P, Donaldson R, Green J, et al: Interrelation of heart rate and autonomic activity in asymptomatic men with unobstructed coronary arteries. Studies with atrial pacing, adrenaline infusion, and autonomic blockade. Br Heart J 1982 Jan;47(1):19–25
Takahashi M see **Miyamoto Y**
Takeshita H see **Kitoh C**
Tallberg P see **Ornhagen HC**
Tamásy V, Korányi L, Phelps CP: The role of dopaminergic and serotonergic mechanisms in the development of swimming ability of young rats. Dev Neurosci 1981;4(5):389–400
Tamura T see **Miyamoto Y**
Tan AT, Sadick N, Kelly DT, et al: Verapamil in stable effort angina: effects on left ventricular function evaluated with exercise radionuclide ventriculography. Am J Cardiol 1982 Feb 1; 49(2):425–30
Tanaka N see **Fukami K**
Tanche M see **de Swiniarski R**
Targan S, Britvan L, Dorey F: Activation of human NKCC by moderate exercise: increased frequency of NK cells with enhanced capability of effector—target lytic interactions. Clin Exp Immunol 1981 Aug;45(2):352–60
Tasca R see **Candau LA**
Tavazzi L, Giordano A, Giannuzzi P, et al: Exercise hemodynamics 1 month, 2 months and 1 year after myocardial infarction: prognostic considerations. Cardiology 1981;68 Suppl 2:53–66
Taylor CB, Kraemer HC, Bragg DA, et al: A new system for long-term recording and processing of heart rate and physical activity in outpatients. Comput Biomed Res 1982 Feb;15(1):7–17
Taylor D see **Harris D**
Taylor R see **Weinstein S**
Taylor SH see **Silke B**
Techlová R see **Simon J**
ter Keurs HE see **van Heuningen R**
Terai T see **Kawakami Y**
Terblanche SE see **Basson AB**
Terblanche SE see **Fell RD**
Terjung RL see **Koerner JE**
Tesch P see **Inbar O**
Tew B see **Evans EP**
Thadani U, Fung HL, Darke AC, et al: Oral isosorbide dinitrate in angina pectoris: comparison of duration of action an dose-response relation during acute and sustained therapy. Am J Cardiol 1982 Feb 1;49(2):411–9
Tharp GD, Wagner CT: Chronic exercise and cardiac vascularization. Eur J Applied Physiol 1982;48(1):97–104
Thaulow E, Kjekshus J, Eriksson J: Effect of timolol on platelet aggregation in coronary heart disease. Acta Med Scand [Suppl] 1981;651:101–9
Thibault MC, Vallières J, LeBlanc J: Norepinephrine mobilization of free fatty acids in endurance trained rats. Eur J Applied Physiol 1981;47(4):313–22
Thirion M see **Degre S**
Thomas DP, Molé PA: Fluid shifts from myofibrillar to sarcoplasmic space in the myocardium of exhausted rats. Int J Sports Med 1981 Aug;2(3):171–7
Thomas L see **Perry J**
Thomas SG, Cunningham DA, Plyley MJ, et al: Central and peripheral adaptations of the gas transport system to one-leg training. Can J Physiol Pharmacol 1981 Nov;59(11):1146–54
Thomis JA see **Castro M**
Thompson CW see **McGarry J**
Thompson JK, Jarvie GJ, Lahey BB, et al: Exercise and obesity: etiology, physiology, and intervention. Psychol Bull 1982 Jan; 91(1):55–79
Thompson PD, Lewis S, Varady A, et al: Cardiac dimensions and performance after either arm or leg endurance training. Med Sci Sports Exerc 1981;13(5):303–9
Thorén C see **Essén B**
Thorland WG, Gilliam TB: Comparison of serum lipids between habitually high and low active pre-adolescent males. Med Sci Sports Exerc 1981;13(5):316–21
Thorland WG, Johnson GO, Fagot TG, et al: Body composition and somatotype characteristics of junior Olympic athletes. Med Sci Sports Exerc 1981;13(5):332–8
Thornton J see **Milvy P**
Thorstensson R see **Norberg R**
Thrall JH see **Pitt B**
Tichy AM see **Tichy MW**
Tichy MW, Tichy AM: Physical fitness in the elderly. Med Instrum 1982 Jan–Feb;16(1):20–1
Tkhor NV see **Ianovskii GV**
Toews CJ see **Jurkowski JE**
Tok S see **Oh SY**
Tooley M see **Silverman M**
Topalov V, Cikos J: Test opterećenja u proceni hipertenzivne reakcije. Med Pregl 1981;34(7–8):311–5 (Eng. Abstr.) (Ser)
Topping M see **McRae S**
Tormo V see **Velasco J**
Tormo V see **Velasco JA**
Torrero C see **Salas M**
Torsvall L: Sleep after exercise: a literature review. J Sports Med Phys Fitness 1981 Sep;21(3):218–25 (47 ref.)
Torún B see **Young VR**
Torzilli PA see **Arnoczky SP**
Totsuka T, Watanabe K: Some evidence for concurrent involvement of the fore- and hindleg muscles in murine muscular dystrophy. Jikken Dobutsu 1981 Oct;30(4):465–70
Toulouse P see **Delwaide PJ**
Toulová M, Herzig I, Dvořák M: Biochemické změny krve prasat po svalové zátěži. Vet Med (Praha) 1981;26(11):669–76 (Eng. Abstr.) (Cze)
Trevethan S, Pianzola E, Sánchez Torres G, et al: Comparación en pacientes con angina de pecho entre la prueba de esfuerzo en banda sin fin y la estimulación auricular, con medición de catecolaminas plasmáticas. Arch Inst Cardiol Mex 1981 Sep–Oct; 51(5):415–22 (Eng. Abstr.) (Spa)
Trinder J, Stevenson J, Paxton SJ, et al: Physical fitness, exercise, and REM sleep cycle length. Psychophysiology 1982 Jan; 19(1):89–93
Trofimov VK see **Orlov LL**
Troup J see **Van Handel PJ**
Tsubone H see **Suzuki AK**
Tsung SH, Huang TY, Chang HH: Sudden death in young athletes. Arch Pathol Lab Med 1982 Apr;106(4):168–70
Tubbs N see **Chana GS**
Tubol IB see **Dobo SS**
Tujakowski J see **Dziedziczko A**
Tullson P, Armstrong RB: Muscle hexose monophosphate shunt activity following exercise. Experientia 1981 Dec 15; 37(12):1311–2
Turner CJ see **Abrahams VC**
Turner SA see **Igo SR**
Tweddel A see **Dunn FG**
Tyce GM see **Freeman WK**
Tyler S see **Schmidt MN**
Tzivoni D, Keren A, Gottlieb S, et al: Right atrial pacing soon after myocardial infarction. Circulation 1982 Feb;65(2):330–5

U

Ullrick WC see **Burke DJ**
Ultee CA, Griffioen D, Schellekens J: The reduction of anxiety in children: a comparison of the effects of 'systematic desensitization in vitro' and 'systematic desensitization in vivo'. Behav Res Ther 1982;20(1):61–7
Umeno K see **Araki T**
Uno H: [Muscle contracture induced by ischemic exercise in McArdle's disease (author's transl)] Rinsho Shinkeigaku 1981 Nov;21(11):927–31 (Eng. Abstr.) (Jpn)
Utter G see **Norberg R**

V

Vaage O see **Rognum TO**
Vaccaro P, Clinton M: The effects of aerobic dance conditioning on the body composition and maximal oxygen uptake of college women. J Sports Med Phys Fitness 1981 Sep;21(3):291–4

PHYSICAL FITNESS/SPORTS MEDICINE

Valdés F, Golding LR, Harasaki H, et al: Hemodynamic response to exercise during chronic ventricular fibrillation and nonpulsatile biventricular bypass (BVB). Trans Am Soc Artif Intern Organs 1981;27:449–53
Vallières J see **Thibault MC**
van Baak MA, Binkhorst RA: Oxygen consumption during outdoor recreational cycling. Ergonomics 1981 Sep;24(9):725–33
van de Stadt RJ see **Lankhorst GJ**
Van den Berg J see **Hof AL**
van der Korst JK see **Lankhorst GJ**
van der Mark TW see **Kiers A**
Vandongen R see **Joyce DA**
Van Handel PJ, Watson P, Troup J, et al: Effects of treadmill running on oxidative capacity of regenerated skeletal muscle. Int J Sports Med 1981 May;2(2):92–6
Van Handel PJ see **Ivy JL**
van Heuningen R, Rijnsburger WH, ter Keurs HE: Sarcomere length control in striated muscle. Am J Physiol 1982 Mar;242(3):H411–20
Vanhoutte PM see **De Mey JG**
Vanhoutte PM see **Janssens WJ**
Vanhoutte PM see **Webb RC**
Van Huss W see **Balwin K**
van Mastrigt R: The on-line determination of the maximal contraction velocity of the urinary bladder from an isometric contraction. Prog Clin Biol Res 1981;78:307–10
Van Nueten JM, Janssen PA, De Ridder A, et al: Interaction between 5-hydroxytryptamine and other vasoconstrictor substances in the isolated femoral artery of the rabbit; effect of ketanserin (R 41 468). Eur J Pharmacol 1982 Feb 5;77(4):281–7
van Thiel E see **Lenaers A**
Varady A see **Thompson PD**
Varagic VM, Prostran M: Comparative actions of substances affecting cyclic AMP metabolism on the isometric contractions of fast and slow skeletal muscle during single-pulse and subtetanic stimulation. Eur J Pharmacol 1981 Jul 17;73(1):51–60
Vargas A, Muñoz-Clares R, Sánchez-Pozo A, et al: Evolución de la concentración de los metabolitos gluconeogénicos en hígado y riñón de rata a lo largo del ejercicio. Rev Esp Fisiol 1981 Sep;37(3):277–84 (Eng. Abstr.) (Spa)
Vasil'ev AP see **Aronov DM**
Vasil'ev ND see **Kozlov VI**
Vávra P, Canibal J: Stanovení izoenzymu laktikodehydrogenázy u časného zátěžového testování po akutním infarktu myokardu. Cas Lek Cesk 1981;120(50):1530–3 (Eng. Abstr.) (Cze)
Vecchio C, Cobelli F, Opasich C, et al: Exercise testing after nontransmural myocardial infarction. Coronary angiographic and prognostic correlations. Cardiology 1981;68(4):218–32
Vedin A see **Wilhelmsen L**
Vedlitz A see **Crompton JL**
Velasco J, Tormo V, Ferrer LM, et al: Early exercise test for evaluation of long-term prognosis after uncomplicated myocardial infarction. Eur Heart J 1981 Oct;2(5):401–7
Velasco JA, Tormo V, Ridocci F, et al: Early load-limiting versus symptom-limited exercise testing: prognostic value in 200 myocardial infarction patients. Cardiology 1981;68 Suppl 2:44–8
Venerando A see **Zeppilli P**
Ventura HO see **Suarez DH**
Verbeuren TJ see **Janssens WJ**
Verdaguer J: Juvenile retinal detachment. Pan American Association of Ophthalmology and American Journal of Ophthalmology Lecture. Am J Ophthalmol 1982 Feb;93(2):145–56
Veselková A, Brodan V, Poslusný Z: Vliv intenzívního tréninku na močové vylučování katecholaminu a 17-OH kortikoidu při aerobním zatížení na ergometru. Cas Lek Cesk 1982 Jan 22;121(3):71–3 (Eng. Abstr.) (Cze)
Vibe P see **Siemssen SJ**
Vicente I, Noble RG: The effects of voluntary exercise on the sexual behavior of the female hamster. Physiol Behav 1981 Nov;27(5):767–72
Vichi FL see **Nobre F**
Videman T: The effect of running on the osteoarthritic joint: an experimental matched-pair study with rabbits. Rheumatol Rehabil 1982 Feb;21(1):1–8
Vihko V see **Salminen A**
Viitasalo MT, Kala R, Eisalo A: Ambulatory electrocardiographic recording in endurance athletes. Br Heart J 1982 Mar;47(3):213–20
Vik P see **Kvien TK**
Virmani R, Robinowitz M, Clark MA, et al: Sudden death and partial absence of the right ventricular myocardium: a report of three cases and a review of the literature. Arch Pathol Lab Med 1982 Apr;106(4):163–7
Virtanen K, Jänne J, Frick MH: Response of blood pressure and plasma norepinephrine to propranolol, metoprolol and clonidine during isometric and dynamic exercise in hypertensive patients. Eur J Clin Pharmacol 1982;21(4):275–9
Virtanen KS, Heikkilä J, Kala R, et al: Chest pain and rate-dependent left bundle branch block in patients with normal coronary arteriograms. Chest 1982 Mar;81(3):326–31
Vojáček J see **Fabián J**
von Ardenne M: Messung und Bekämpfung von Stressfolgen. Ergebnisse der Sauerstoff-Mehrschritt-Therapie-Forschung. ZFA (Dresden) 1981;36(6):473–87 (Eng. Abstr.) (Ger)
Vorhees CV see **Butcher RE**
Vorob'ev VI see **Kukhareva LV**
Vygodin VA see **Martsevich SIu**

W

Wackers FJ see **Davies RA**
Wade CE see **Dressendorfer RH**
Waggoner CD, LeLieuvre RB: A method to increase compliance to exercise regimens in rheumatoid arthritis patients. J Behav Med 1981 Jun;4(2):191–201
Wagner CT see **Tharp GD**
Wainwright RJ: Scintigraphic anatomy of coronary artery disease in digital thallium-201 myocardial images. Br Heart J 1981 Nov;46(5):465–77
Wainwright RJ, Maisey MN, Sowton E: Segmental quantitative analysis of digital thallium-201 myocardial scintigrams in diagnosis of coronary artery disease. Comparison with rest and exercise electrocardiography and coronary arteriography. Br Heart J 1981 Nov;46(5):478–85
Walberg JL, Molé PA, Stern JS: Effect of swim training on development of obesity in the genetically obese rat. Am J Physiol 1982 Mar;242(3):R204–11
Wallace AG see **Conn EH**
Waller BF see **McManus BM**
Walters JL see **Lamb RC**
Warren DJ see **Smith RS**
Wasser P, Rumbach L, Marescaux C, et al: Faiblesse musculaire corrigée par l'exercice et myotonie. Rev Otoneuroophtalmol 1981 Oct–Dec;53(5):401–9 (Eng. Abstr.) (Fre)
Wassilew G see **Guski H**
Watanabe K see **Totsuka T**
Watanabe Y see **Kubota I**
Waters DD, Szlachcic J, Bourassa MG, et al: Exercise testing in patients with variant angina: results, correlation with clinical and angiographic features and prognostic significance. Circulation 1982 Feb;65(2):265–74
Watson DA see **Hasan SS**
Watson P see **Van Handel PJ**
Watts MP see **Murray RG**
Weathersby PK see **Barnard EE**
Webb RC, Vanhoutte PM: Cocaine and contractile responses of vascular smooth muscle from spontaneously hypertensive rats. Arch Int Pharmacodyn Ther 1981 Oct;253(2):241–56
Weber BG: Enkel plastik av invetererade ledbandsskador i fotleden. Lakartidningen 1981 Aug 19;78(34):2857–61 (Eng. Abstr.) (Swe)
Wegmueller R see **Hirzel HO**
Weinstein S, Sedlak-Weinstein E, Taylor R, et al: The high prevalence of impaired glucose tolerance and diabetes mellitus in an isolated Polynesian population, Manihiki, Cook Islands. NZ Med J 1981 Dec 9;94(697):411–3
Weiss LA see **Siegel IM**
Weissman C see **Askanazi J**
Weissman ML, Jones PW, Oren A, et al: Cardiac output increase and gas exchange at start of exercise. J Appl Physiol 1982 Jan;52(1):236–44
Welch HG, Pedersen PK: Measurement of metabolic rate in hyperoxia. J Appl Physiol 1981 Sep;51(3):725–31
Wellby JK see **Houghton E**
Wells CL, Stern JR, Hecht LH: Hematological changes following a marathon race in male and female runners. Eur J Applied Physiol 1982;48(1):41–9
Wenger CB see **Fortney SM**
Wenger NK, Hellerstein HK, Blackburn H, et al: Physician practice in the management of patients with uncomplicated myocardial infarction: changes in the past decade. Circulation 1982 Mar;65(3):421–7
Wenger NK: Rehabilitation of the coronary patient. Singapore Med J 1981 Aug;22(4):239–46
Wessel JA: Effectiveness of the I CAN physical education instructional system for handicapped individuals, K-12: a summary report. Can J Appl Sport Sci 1981 Dec;6(4):168–75
Westerling D, Kilbom A: Physical strain in the handling of gas cylinders. Ergonomics 1981 Aug;24(8):623–32
Westlin N see **Sanzén L**
Weyne T see **De Backer GG**
Whinnery JE: Acceleration induced voltage variations in the electrocardiogram during exhaustive simulated aerial combat maneuvering. Aviat Space Environ Med 1982 Feb;53(2):147–52
Whishaw IQ see **Kolb B**
White MJ see **Davies CT**
Widmer K see **Hauth JC**
Wilde SW see **Miles DS**

Wilhelmsen L, Bjure J, Ekström-Jodal B, et al: Nine years' follow-up of a maximal exercise test in a random population sample of middle-aged men. Cardiology 1981;68 Suppl 2:1-8

Wilhelmsen L, Wilhelmsson C, Vedin A, et al: Effects of infarct size, smoking, physical activity and some psychclogical factors on prognosis after myocardial infarction. Adv Cardiol 1982; 29:119-25

Wilhelmsson C see **Wilhelmsen L**

Wilkerson JE see **De Meersman RE**

Wilkerson JE see **Gutin B**

Wilkerson JE see **Kolka MA**

Wilkoński J see **Markiewicz M**

Willan PL, Bagnall KM, Mahon M, et al: Some haematological characteristics of competitive swimmers. Br J Sports Med 1981 Dec;15(4):238-41

Williams RS see **Conn EH**

Williams RT see **Dohm GL**

Wilson BA, Jackson PJ, Evans J: Effects of positive end-expiratory pressure breathing on exercise-induced asthma. Int J Sports Med 1981 Feb;2(1):27-30

Wilson JW: Walking out of doors: the plight of the elderly. Can J Appl Sport Sci 1981 Dec;6(4):179-81

Wilson MJ, Steer RC, Kaye KW: Presence and characterization of two protein kinase activities in human seminal fluid. Biochim Biophys Acta 1982 Jan 18;700(2):206-12

Wilson N: Exercise increases sulfur dioxide-induced bronchoconstriction in asthmatic subjects [letter] Am Rev Respir Dis 1982 Mar;125(3):371-2

Wilson NM see **Barnes PJ**

Wilson RC see **Huber TL**

Winslow EB: Rehabilitation of the cardiac patient. Program phases and rationale. Postgrad Med 1982 Feb;71(2):114-9, 122-7

Winton R: The importance of being humane: important resolutions of the World Medical Association. Med J Aust 1981 Nov 14; 2(10):512-3

Withers RT, Roberts RG: Physiological profiles of representative women softball, hockey and netball players. Ergonomics 1981 Aug;24(8):583-91

Woldring MG see **Kiers A**

Wolf W see **Schmid P**

Wolfe JL, Esher RJ: Effects of crude oil on swimming behavior and survival in the rice rat. Environ Res 1981 Dec;26(2):486-9

Wolfe MH see **Wolfe RR**

Wolfe RR, Goodenough RD, Wolfe MH, et al: Isotopic analysis of leucine and urea metabolism in exercising humans. J Appl Physiol 1982 Feb;52(2):458-66

Wolff N: The hunting veterinarian. Mod Vet Pract 1981 Nov; 62(11):825-8

Wönne R see **Hofmann D**

Woo SL, Gelberman RH, Cobb NG, et al: The importance of controlled passive mobilization on flexor tendon healing. A biomechanical study. Acta Orthop Scand 1981 Dec;52(6):615-22

Wood MB see **Burkhart SS**

Woolsey RM see **McGarry J**

Wootton V see **Butcher RE**

Wright JE see **Daniels WL**

Wrisberg CA: The effects of temporal variability within and between series of stimuli on reaction time and movement time. Res Q Exerc Sport 1981 Dec;52(4):518-22

Wroblewski EM, Pearl FJ, Hammer WJ, et al: False positive stress tests due to undetected left ventricular hypertrophy. Am J Epidemiol 1982 Mar;115(3):412-7

Wylie R: Decompression sickness: getting out of deep water. Nurs Mirror 1981 Nov 11;153(20):42-3

Wyns W see **Detry JM**

Y

Yamada T see **Chaen S**

Yamamoto H see **Kawakami Y**

Yamaoki K see **Imataka K**

Yamazaki S see **Kimura Y**

Yandell KM, Spirduso WW: Sex and athletic status as factors in reaction latency and movement time. Res Q Exerc Sport 1981 Dec;52(4):495-504

Yatteau RF: Treadmill test supervision [letter] Am J Cardiol 1982 Apr 1;49(5):1376

Yiassemides E: Aerobic fitness: how do hospital personnel measure up? Occup Health Nurs 1982 Mar;30(3):24-8

Ylitalo V: Treatment of obese schoolchildren with special reference to the mode of therapy, cardiorespiratory performance and the carbohydrate and lipid metabolism. Acta Paediatr Scand [Suppl] 1981;290:1-108

Ylönen K see **Kostiainen S**

Yoshida A see **Kambara H**

Yoshida Y, Kouka M, Otsuo H, et al: [A Lance-Adams syndrome of a diver (author's transl)] No To Shinkei 1981 Oct;33(10):1051-6 (Eng. Abstr.) (Jpn)

Yost LJ, Zauner CW, Jaeger MJ: Pulmonary diffusing capacity and physical working capacity in swimmers and non-swimmers during growth. Respiration 1981;42(1):8-14

Young A see **Srinivasan M**

Young IH, Corte P, Schoeffel RE: Pattern and time course of ventilation-perfusion inequality in exercise-induced asthma. Am Rev Respir Dis 1982 Mar;125(3):304-11

Young VR, Torún B: Physical activity: impact on protein and amino acid metabolism and implications for nutritional requirements. Prog Clin Biol Res 1981;77:57-85 (73 ref.)

Z

Zaitsev VP, Beliakova NA: Izmeneniia psikhiki v sviazi s osobennostiami serdechno-bolevogo sindroma u bol'nykh, perenesshikh infarkt miokarda. Kardiologiia 1982 Jan;22(1):53-7 (Eng. Abstr.) (Rus)

Zakus G, Chin ML, Cooper H Jr, et al: Treating adolescent obesity: a pilot project in a school. J Sch Health 1981 Dec;51(10):663-6

Zannini D see **Marroni A**

Zapol WM see **Murphy BJ**

Zauner CW see **Yost LJ**

Zemánková J, Dvořák I, Bravený P, et al: Ergometrický test v diferenciální diagnostice ischemické choroby srdeční u žen. Vnitr Lek 1982 Feb;28(2):142-51 (Eng. Abstr.) (Cze)

Zemánková J see **Dvořák I**

Zemánková J see **Stejfa M**

Zeppilli P, Venerando A: Sudden death and physical exertion. J Sports Med Phys Fitness 1981 Sep;21(3):299-300

Ziesche SM see **Francis GS**

Zilcher H, Glogar D, Niederberger M, et al: Value of exercise testing for prediction of physical and psychosocial rehabilitation potential 3 months after acute myocardial infarction. Cardiology 1981;68 Suppl 2:49-52

Zimmerman P, Heigenhauser GJ, McCartney N, et al: Impaired cardiac 'acceleration' at the onset of exercise in patients with coronary disease. J Appl Physiol 1982 Jan;52(1):71-8

Zinenko GM see **Dobo SS**

Zingerman LS see **Charchoglian RA**

Zmievskaia LD, Kessel' VP: Znachenie lechebnoĭ gimnastiki v vode v kompleksnom kurortnom lechenii bol'nykh revmatoidnym artritom. Vopr Kurortol Fizioter Lech Fiz Kult 1981 Nov-Dec; (6):30-2 (Eng. Abstr.) (Rus)

Zohman LR, Carroll LR: The nitroglycerin exercise test. Cardiology 1981;68 Suppl 2:169-77

Zurowski S see **Dobrzański T**

ANONYMOUS

Br Med J [Clin Res]

Tobacco sponsorship of sport: think again [editorial] Br Med J [Clin Res] 1982 Feb 6;284(6313):365

Cardiology

Prognostic values of exercise testing and drug effects on the exercise ECG. Cardiology 1981;68 Suppl 2:1-214

Int J Sports Med

International conference on sports medicine 1981. 'Muscle in sports medicine.' Utrecht, The Netherlands, March 23-26, 1981. Abstracts. Int J Sports Med 1981 Aug;2(3):182-99

J Am Dent Assoc

Dentistry and upper body strength [letter] J Am Dent Assoc 1982 Jan;104(1):10, 12-3

Appliances and upper body strength [letter] J Am Dent Assoc 1982 Mar;104(3):286, 288

N Engl J Med

Medically treated coronary-artery disease [letter] N Engl J Med 1982 Mar 18;306(11):677-9

Singapore Med J

The organisation and rehabilitation of the post myocardial infarction patient. Singapore Med J 1981 Aug;22(4):233-5

LIST OF SERIALS INDEXED

A

Acta Biol Acad Sci Hung
ACTA BIOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE (BUDAPEST)

Acta Cardiol [Suppl] (Brux)
ACTA CARDIOLOGICA. SUPPLEMENTUM (BRUXELLES)

Acta Chir Orthop Traumatol Cech
ACTA CHIRURGIAE ORTHOPAEDICAE ET TRAUMATOLOGIAE CECHOSLOVACA (PRAHA)

Acta Med Scand
ACTA MEDICA SCANDINAVICA (STOCKHOLM)

Acta Med Scand [Suppl]
ACTA MEDICA SCANDINAVICA. SUPPLEMENTUM (STOCKHOLM)

Acta Orthop Scand
ACTA ORTHOPAEDICA SCANDINAVICA (COPENHAGEN)

Acta Paediatr Scand [Suppl]
ACTA PAEDIATRICA SCANDINAVICA. SUPPLEMENT (STOCKHOLM)

Acta Pharmacol Toxicol (Copenh)
ACTA PHARMACOLOGICA ET TOXICOLOGICA (COPENHAGEN)

Acta Physiol Pharmacol Bulg
ACTA PHYSIOLOGICA ET PHARMACOLOGICA BULGARICA (SOFIA)

Acta Physiol Pol
ACTA PHYSIOLOGICA POLONICA (WARSZAWA)

Acta Physiol Scand [Suppl]
ACTA PHYSIOLOGICA SCANDINAVICA. SUPPLEMENT (STOCKHOLM)

Adv Cardiol
ADVANCES IN CARDIOLOGY (BASEL)

Adv Neurol
ADVANCES IN NEUROLOGY (NEW YORK)

Age Ageing
AGE AND AGEING (LONDON)

Allergy
ALLERGY (COPENHAGEN)

Am Correct Ther J
AMERICAN CORRECTIVE THERAPY JOURNAL (REHOBOTH BEACH DE)

Am Fam Physician
AMERICAN FAMILY PHYSICIAN (KANSAS CITY MO)

Am Heart J
AMERICAN HEART JOURNAL (ST LOUIS)

Am J Cardiol
AMERICAN JOURNAL OF CARDIOLOGY (NEW YORK)

Am J Clin Nutr
AMERICAN JOURNAL OF CLINICAL NUTRITION (BETHESDA MD)

Am J Epidemiol
AMERICAN JOURNAL OF EPIDEMIOLOGY (BALTIMORE)

Am J Med
AMERICAN JOURNAL OF MEDICINE (NEW YORK)

Am J Obstet Gynecol
AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY (ST LOUIS)

Am J Ophthalmol
AMERICAN JOURNAL OF OPHTHALMOLOGY

Am J Optom Physiol Opt
AMERICAN JOURNAL OF OPTOMETRY AND PHYSIOLOGICAL OPTICS (BALTIMORE)

Am J Physiol
AMERICAN JOURNAL OF PHYSIOLOGY (BETHESDA MD)

Am J Vet Res
AMERICAN JOURNAL OF VETERINARY RESEARCH (CHICAGO)

Am Rev Respir Dis
AMERICAN REVIEW OF RESPIRATORY DISEASE (NEW YORK)

Angiology
ANGIOLOGY (GREAT NECK NY)

Angle Orthod
ANGLE ORTHODONTIST (APPLETON WI)

Ann Allergy
ANNALS OF ALLERGY (ST PAUL MN)

Ann Cardiol Angeiol (Paris)
ANNALES DE CARDIOLOGIE ET D ANGEIOLOGIE (PARIS)

Ann Chir Gynaecol
ANNALES CHIRURGIAE ET GYNAECOLOGIAE (HELSINKI)

Ann Intern Med
ANNALS OF INTERNAL MEDICINE (PHILADELPHIA)

LIST OF SERIALS INDEXED

Ann Ist Super Sanita
ANNALI DELL ISTITUTO SUPERIORE DI SANITA (ROMA)

Ann Neurol
ANNALS OF NEUROLOGY (BOSTON)

Ann Nutr Metab
ANNALS OF NUTRITION AND METABOLISM (BASEL)

Ann Thorac Surg
ANNALS OF THORACIC SURGERY (BOSTON)

Arch Exp Veterinarmed
ARCHIV FUR EXPERIMENTELLE VETERINARMEDIZIN (LEIPZIG)

Arch Fr Pediatr
ARCHIVES FRANCAISES DE PEDIATRIE (PARIS)

Arch Inst Cardiol Mex
ARCHIVOS DEL INSTITUTO DE CARDIOLOGIA DE MEXICO (MEXICO)

Arch Int Pharmacodyn Ther
ARCHIVES INTERNATIONALES DE PHARMACODYNAMIE ET DE THERAPIE (GHENT)

Arch Intern Med
ARCHIVES OF INTERNAL MEDICINE (CHICAGO)

Arch Neurol
ARCHIVES OF NEUROLOGY (CHICAGO)

Arch Oral Biol
ARCHIVES OF ORAL BIOLOGY (OXFORD)

Arch Pathol Lab Med
ARCHIVES OF PATHOLOGY AND LABORATORY MEDICINE (CHICAGO)

Arch Phys Med Rehabil
ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION (CHICAGO)

Arch Putti Chir Organi Mov
ARCHIVIO PUTTI DI CHIRURGIA DEGLI ORGANI DI MOVIMENTO (FIRENZE)

Arkh Anat Gistol Embriol
ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII (LENINGRAD)

Arq Bras Cardiol
ARQUIVOS BRASILEIROS DE CARDIOLOGIA (SAO PAULO)

Arteriosclerosis
ARTERIOSCLEROSIS (DALLAS TX)

ASDC J Dent Child
ASDC JOURNAL OF DENTISTRY FOR CHILDREN (FULTON MO)

Atherosclerosis
ATHEROSCLEROSIS (AMSTERDAM)

Aust Fam Physician
AUSTRALIAN FAMILY PHYSICIAN (SYDNEY)

Aust Vet J
AUSTRALIAN VETERINARY JOURNAL (SYDNEY)

Aviat Space Environ Med
AVIATION SPACE AND ENVIRONMENTAL MEDICINE (WASHINGTON)

B

Behav Genet
BEHAVIOR GENETICS (NEW YORK)

Behav Res Ther
s) BEHAVIOUR RESEARCH AND THERAPY (OXFORD)

Biochim Biophys Acta
s) BIOCHIMICA ET BIOPHYSICA ACTA (AMSTERDAM)

Biofeedback Self Regul
BIOFEEDBACK AND SELF REGULATION (NEW YORK)

Biokhimiia
BIOKHIMIIA (MOSKVA)

Biol Cybern
s) BIOLOGICAL CYBERNETICS (BERLIN)

Biomed Mass Spectrom
s) BIOMEDICAL MASS SPECTROMETRY (LONDON)

Biophys J
BIOPHYSICAL JOURNAL (NEW YORK)

Biophys Struct Mech
s) BIOPHYSICS OF STRUCTURE AND MECHANISM (HEIDELBERG)

Biorheology
BIORHEOLOGY (OXFORD)

Blood Vessels
BLOOD VESSELS (BASEL)

Bol Estud Med Biol
BOLETIN DE ESTUDIOS MEDICOS Y BIOLOGICOS (MEXICO)

Boll Soc Ital Cardiol
BOLLETTINO DELLA SOCIETA ITALIANA DI CARDIOLOGIA (ROMA)

Br Heart J
BRITISH HEART JOURNAL (LONDON)

Br J Clin Pract
BRITISH JOURNAL OF CLINICAL PRACTICE (LONDON)

Br J Exp Pathol
BRITISH JOURNAL OF EXPERIMENTAL PATHOLOGY (LONDON)

Br J Hosp Med
BRITISH JOURNAL OF HOSPITAL MEDICINE (LONDON)

Br J Ind Med
BRITISH JOURNAL OF INDUSTRIAL MEDICINE (LONDON)

Br J Sports Med
BRITISH JOURNAL OF SPORTS MEDICINE (LOUGHBOROUGH)

Br J Surg
BRITISH JOURNAL OF SURGERY (BRISTOL)

Br Med J [Clin Res]
BRITISH MEDICAL JOURNAL [CLINICAL RESEARCH ED.] (LONDON)

Brain
BRAIN (LONDON)

Brain Res
BRAIN RESEARCH (AMSTERDAM)

Bull Acad Natl Med (Paris)
BULLETIN DE L ACADEMIE NATIONALE DE MEDECINE (PARIS)

Bull Eur Physiopathol Respir
BULLETIN EUROPEEN DE PHYSIOPATHOLOGIE RESPIRATOIRE = CLINICAL RESPIRATORY PHYSIOLOGY (OXFORD)

Bull Osaka Med Sch
BULLETIN OF THE OSAKA MEDICAL SCHOOL (OSAKA)

Bull Prosthet Res
BULLETIN OF PROSTHETICS RESEARCH (WASHINGTON)

Burns Incl Therm Inj
BURNS, INCLUDING THERMAL INJURY (BRISTOL)

C

C R Soc Biol (Paris)
s) COMPTES RENDUS DES SEANCES DE LA SOCIETE DE BIOLOGIE ET DE SES FILIALES (PARIS)

LIST OF SERIALS INDEXED

Can J Appl Sport Sci
CANADIAN JOURNAL OF APPLIED SPORT SCIENCES. JOURNAL CANADIEN DES SCIENCES APPLIQUEES AU SPORT (VANIER CITY ONT)

Can J Physiol Pharmacol
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY (OTTAWA)

Can J Surg
CANADIAN JOURNAL OF SURGERY (OTTAWA)

Can Med Assoc J
CANADIAN MEDICAL ASSOCIATION JOURNAL (OTTAWA)

Cancer Res
CANCER RESEARCH (BALTIMORE)

Cardiology
CARDIOLOGY (BASEL)

Cardiovasc Intervent Radiol
CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY (BERLIN)

Cardiovasc Nurs
CARDIOVASCULAR NURSING (NEW YORK)

Cardiovasc Res
CARDIOVASCULAR RESEARCH (LONDON)

Cas Lek Cesk
CASOPIS LEKARU CESKYCH (PRAHA)

Cesk Pediatr
CESKOSLOVENSKA PEDIATRIE (PRAHA)

Cesk Psychiatr
CESKOSLOVENSKA PSYCHIATRIE (PRAHA)

Chest
CHEST (CHICAGO)

Chir Narzadow Ruchu Ortop Pol
CHIRURGIA NARZADOW RUCHU I ORTOPEDIA POLSKA (WARSZAWA)

Circ Res
CIRCULATION RESEARCH (NEW YORK)

Circulation
CIRCULATION (NEW YORK)

Clin Allergy
CLINICAL ALLERGY (OXFORD)

Clin Endocrinol (Oxf)
CLINICAL ENDOCRINOLOGY (OXFORD)

Clin Exp Hypertens
CLINICAL AND EXPERIMENTAL HYPERTENSION (NEW YORK)

Clin Exp Immunol
CLINICAL AND EXPERIMENTAL IMMUNOLOGY (OXFORD)

Clin Pharmacol Ther
CLINICAL PHARMACOLOGY AND THERAPEUTICS (ST LOUIS)

Clin Physiol
CLINICAL PHYSIOLOGY (SCANDINAVIAN SOCIETY OF CLINICAL PHYSIOLOGY) (OXFORD)

Clin Sci
CLINICAL SCIENCE (LONDON)

Clin Sci [Suppl]
CLINICAL SCIENCE. SUPPLEMENT (LONDON)

Clin Ter
CLINICA TERAPEUTICA (ROMA)

Comp Biochem Physiol [A]
s) COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. A: COMPARATIVE PHYSIOLOGY (OXFORD)

Comp Biochem Physiol [B]
s) COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. B: COMPARATIVE BIOCHEMISTRY (OXFORD)

Comput Biomed Res
COMPUTERS AND BIOMEDICAL RESEARCH (NEW YORK)

Cor Vasa
COR ET VASA (PRAGUE)

Crit Care Med
CRITICAL CARE MEDICINE (NEW YORK)

Crit Care Update
CRITICAL CARE UPDATE (ORANGE CA)

Curr Probl Cardiol
CURRENT PROBLEMS IN CARDIOLOGY (CHICAGO)

Curr Probl Pediatr
CURRENT PROBLEMS IN PEDIATRICS (CHICAGO)

D

Dev Med Child Neurol
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY (LONDON)

Dev Neurosci
DEVELOPMENTAL NEUROSCIENCE (BASEL)

Diabete Metab
DIABETE ET METABOLISME (PARIS)

Duodecim
DUODECIM (HELSINKI)

E

Endocr Res Commun
ENDOCRINE RESEARCH COMMUNICATIONS (NEW YORK)

Environ Res
ENVIRONMENTAL RESEARCH (NEW YORK)

Equine Vet J
s) EQUINE VETERINARY JOURNAL (LONDON)

Ergonomics
s) ERGONOMICS (LONDON)

Eur Heart J
EUROPEAN HEART JOURNAL (LONDON)

Eur J Applied Physiol
EUROPEAN JOURNAL OF APPLIED PHYSIOLOGY AND OCCUPATIONAL PHYSIOLOGY (BERLIN)

Eur J Biochem
EUROPEAN JOURNAL OF BIOCHEMISTRY (BERLIN)

Eur J Clin Invest
EUROPEAN JOURNAL OF CLINICAL INVESTIGATION (OXFORD)

Eur J Clin Pharmacol
EUROPEAN JOURNAL OF CLINICAL PHARMACOLOGY (BERLIN)

Eur J Nucl Med
EUROPEAN JOURNAL OF NUCLEAR MEDICINE (HEIDELBURG)

Eur J Pharmacol
EUROPEAN JOURNAL OF PHARMACOLOGY (AMSTERDAM)

Except Child
s) EXCEPTIONAL CHILDREN (WASHINGTON)

Exp Aging Res
EXPERIMENTAL AGING RESEARCH (BAR HARBOR ME)

Exp Brain Res
EXPERIMENTAL BRAIN RESEARCH (BERLIN)

Exp Pathol
EXPERIMENTAL PATHOLOGY (JENA)

Experientia
s) EXPERIENTIA (BASEL)

LIST OF SERIALS INDEXED

F

Fed Proc
FEDERATION PROCEEDINGS (BETHESDA MD)

Fiziol Zh
FIZIOLOGICHESKII ZHURNAL (KIEV)

Fiziol Zh SSSR
FIZIOLOGICHESKII ZHURNAL SSSR IMENI I. M. SECHENOVA (LENINGRAD)

Folia Med (Plovdiv)
FOLIA MEDICA (PLOVDIV)

G

G Ital Cardiol
GIORNALE ITALIANO DI CARDIOLOGIA (ROMA)

Geriatr Nurs (New York)
GERIATRIC NURSING (NEW YORK)

Gig Sanit
GIGIENA I SANITARIIA (MOSKVA)

Gig Tr Prof Zabol
GIGIENA TRUDA I PROFESSIONALNYE ZABOLEVANIIA (MOSKVA)

H

Health Educ (Wash)
HEALTH EDUCATION (WASHINGTON)

Health Visit
HEALTH VISITOR (LONDON)

Heart Lung
HEART AND LUNG (ST LOUIS)

Herz
HERZ (MUNCHEN)

Hum Factors
s) HUMAN FACTORS (BALTIMORE)

Hum Physiol
HUMAN PHYSIOLOGY (NEW YORK)

I

Injury
INJURY; BRITISH JOURNAL OF ACCIDENT SURGERY (BRISTOL)

Int J Cardiol
INTERNATIONAL JOURNAL OF CARDIOLOGY (AMSTERDAM)

Int J Clin Pharmacol Ther Toxicol
INTERNATIONAL JOURNAL OF CLINICAL PHARMACOLOGY, THERAPY, AND TOXICOLOGY (MUNCHEN)

Int J Nucl Med Biol
s) INTERNATIONAL JOURNAL OF NUCLEAR MEDICINE AND BIOLOGY (ELMSFORD NY)

Int J Pediatr Otorhinolaryngol
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY (AMSTERDAM)

Int J Rehabil Res
INTERNATIONAL JOURNAL OF REHABILITATION RESEARCH. INTERNATIONALE ZEITSCHRIFT FUR REHABILITATIONSFORSCHUNG. REVUE INTERNATIONALE DE RECHERCHES DE READAPTATION (RHEINSTETTEN)

Int J Sports Med
INTERNATIONAL JOURNAL OF SPORTS MEDICINE (STUTTGART)

Ir Med J
IRISH MEDICAL JOURNAL (DUBLIN)

Issues Compr Pediatr Nurs
ISSUES IN COMPREHENSIVE PEDIATRIC NURSING (NEW YORK)

Issues Health Care Women
ISSUES IN HEALTH CARE OF WOMEN (NEW YORK)

J

J Adolesc Health Care
JOURNAL OF ADOLESCENT HEALTH CARE (NEW YORK)

J Air Pollut Control Assoc
s) JOURNAL OF THE AIR POLLUTION CONTROL ASSOCIATION (PITTSBURGH PA)

J Allergy Clin Immunol
JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY (ST LOUIS)

J Am Coll Health Assoc
JOURNAL OF THE AMERICAN COLLEGE HEALTH ASSOCIATION (EVANSTON IL)

J Am Dent Assoc
JOURNAL OF THE AMERICAN DENTAL ASSOCIATION (CHICAGO)

J Am Diet Assoc
JOURNAL OF THE AMERICAN DIETETIC ASSOCIATION (CHICAGO)

J Am Optom Assoc
JOURNAL OF THE AMERICAN OPTOMETRIC ASSOCIATION (ST LOUIS)

J Am Podiatry Assoc
JOURNAL OF THE AMERICAN PODIATRY ASSOCIATION (WASHINGTON)

J Appl Physiol
JOURNAL OF APPLIED PHYSIOLOGY: RESPIRATORY, ENVIRONMENTAL AND EXERCISE PHYSIOLOGY (BETHESDA MD)

J Assoc Physicians India
JOURNAL OF THE ASSOCIATION OF PHYSICIANS OF INDIA (BOMBAY)

J Behav Med
JOURNAL OF BEHAVIORAL MEDICINE (NEW YORK)

J Biochem (Tokyo)
JOURNAL OF BIOCHEMISTRY (TOKYO)

J Biol Chem
JOURNAL OF BIOLOGICAL CHEMISTRY (BALTIMORE)

J Biomech
JOURNAL OF BIOMECHANICS (ELMSFORD NY)

J Bone Joint Surg [Am]
JOURNAL OF BONE AND JOINT SURGERY. AMERICAN VOLUME (BOSTON)

J Cardiogr
JOURNAL OF CARDIOGRAPHY (BUNKYO-KU)

J Cardiovasc Pharmacol
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY (NEW YORK)

J Chromatogr
s) JOURNAL OF CHROMATOGRAPHY (AMSTERDAM)

J Chromatogr Sci
s) JOURNAL OF CHROMATOGRAPHIC SCIENCE (NILES IL)

J Clin Endocrinol Metab
JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM (PHILADELPHIA)

J Clin Invest
JOURNAL OF CLINICAL INVESTIGATION (NEW HAVEN CT)

LIST OF SERIALS INDEXED

J Clin Pharmacol
JOURNAL OF CLINICAL PHARMACOLOGY (STAMFORD CT)

J Comp Physiol Psychol
s) JOURNAL OF COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY (WASHINGTON)

J Dairy Sci
s) JOURNAL OF DAIRY SCIENCE (CHAMPAIGN IL)

J Foot Surg
JOURNAL OF FOOT SURGERY (DETROIT)

J Gen Physiol
JOURNAL OF GENERAL PHYSIOLOGY (NEW YORK)

J Hand Surg
JOURNAL OF HAND SURGERY (ST LOUIS)

J Hum Ergol (Tokyo)
JOURNAL OF HUMAN ERGOLOGY (TOKYO)

J Immunol Methods
s) JOURNAL OF IMMUNOLOGICAL METHODS (AMSTERDAM)

J Mass Dent Soc
JOURNAL OF THE MASSACHUSETTS DENTAL SOCIETY (BOSTON)

J Neurol Sci
JOURNAL OF THE NEUROLOGICAL SCIENCES (AMSTERDAM)

J Neurophysiol
JOURNAL OF NEUROPHYSIOLOGY (BETHESDA MD)

J Nucl Med
JOURNAL OF NUCLEAR MEDICINE. JNM (NEW YORK)

J Nutr Sci Vitaminol (Tokyo)
JOURNAL OF NUTRITIONAL SCIENCE AND VITAMINOLOGY (TOKYO)

J Occup Med
JOURNAL OF OCCUPATIONAL MEDICINE (DOWNERS GROVE ILL)

J Pediatr Orthop
JOURNAL OF PEDIATRIC ORTHOPEDICS (NEW YORK)

J Pharmacol Exp Ther
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS (BALTIMORE)

J Physiol (Lond)
JOURNAL OF PHYSIOLOGY (LONDON)

J Psychosom Res
JOURNAL OF PSYCHOSOMATIC RESEARCH (OXFORD)

J Sch Health
JOURNAL OF SCHOOL HEALTH (KENT OH)

J Sports Med Phys Fitness
JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS (TORINO)

J Thorac Cardiovasc Surg
JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY (ST LOUIS)

J Toxicol Environ Health
JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH (WASHINGTON)

J Trauma
JOURNAL OF TRAUMA (BALTIMORE)

J Urol
JOURNAL OF UROLOGY (BALTIMORE)

JAMA
JAMA. JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION (CHICAGO)

JAOA
JAOA. JOURNAL OF THE AMERICAN OSTEOPATHIC ASSOCIATION (CHICAGO)

JEN
JEN. JOURNAL OF EMERGENCY NURSING (EAST LANSING MI)

Jikken Dobutsu
JIKKEN DOBUTSU. EXPERIMENTAL ANIMALS (TOKYO)

Jpn Circ J
JAPANESE CIRCULATION JOURNAL (KYOTO)

Jpn J Physiol
JAPANESE JOURNAL OF PHYSIOLOGY (TOKYO)

K

Kardiologiia
KARDIOLOGIIA (MOSKVA)

Kokyu To Junkan
KOKYU TO JUNKAN. RESPIRATION AND CIRCULATION (TOKYO)

Kosm Biol Aviakosm Med
KOSMICHESKAIA BIOLOGIIA I AVIAKOSMICHESKAIA MEDITSINA (MOSKVA)

L

Lab Delo
LABORATORNOE DELO (MOSKVA)

Lakartidningen
LAKARTIDNINGEN (STOCKHOLM)

Lancet
LANCET (LONDON)

Life Sci
LIFE SCIENCES (OXFORD)

M

MCN
MCN; AMERICAN JOURNAL OF MATERNAL CHILD NURSING (NEW YORK)

Med Biol Eng Comput
MEDICAL AND BIOLOGICAL ENGINEERING AND COMPUTING (STEVENAGE)

Med Instrum
MEDICAL INSTRUMENTATION (ARLINGTON VA)

Med J Aust
MEDICAL JOURNAL OF AUSTRALIA (SYDNEY)

Med J Malaysia
MEDICAL JOURNAL OF MALAYSIA (SINGAPORE)

Med Pregl
MEDICINSKI PREGLED (NOVI SAD)

Med Sci Sports Exerc
MEDICINE AND SCIENCE IN SPORTS AND EXERCISE (MADISON WI)

Minerva Med
MINERVA MEDICA (TORINO)

Minerva Pediatr
MINERVA PEDIATRICA (TORINO)

MMW
MMW. MUNCHENER MEDIZINISCHE WOCHENSCHRIFT (MUNCHEN)

Mod Vet Pract
MODERN VETERINARY PRACTICE (WHEATON IL)

Mol Cell Endocrinol
MOLECULAR AND CELLULAR ENDOCRINOLOGY (AMSTERDAM)

Monatsschr Kinderheilkd
MONATSSCHRIFT KINDERHEILKUNDE (BERLIN)

LIST OF SERIALS INDEXED

Monogr Neural Sci
MONOGRAPHS IN NEURAL SCIENCES (BASEL)

Muscle Nerve
MUSCLE AND NERVE (BOSTON)

N

N Engl J Med
NEW ENGLAND JOURNAL OF MEDICINE (BOSTON)

Naunyn Schmiedebergs Arch Pharmacol
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY (BERLIN)

Nephron
NEPHRON (BASEL)

Neurochem Res
NEUROCHEMICAL RESEARCH (NEW YORK)

Neurology (NY)
NEUROLOGY (NEW YORK)

Neurosurgery
NEUROSURGERY (BALTIMORE)

Nippon Jinzo Gakkai Shi
NIPPON JINZO GAKKAI SHI (TOKYO)

Nippon Seirigaku Zasshi
NIPPON SEIRIGAKU ZASSHI. JOURNAL OF THE PHYSIOLOGICAL SOCIETY OF JAPAN (TOKYO)

No To Shinkei
NO TO SHINKEI. BRAIN AND NERVE (TOKYO)

Nouv Presse Med
NOUVELLE PRESSE MEDICALE (PARIS)

Nurs Clin North Am
NURSING CLINICS OF NORTH AMERICA (PHILADELPHIA)

Nurs Mirror
NURSING MIRROR (SUSSEX)

Nurs Times
NURSING TIMES (LONDON)

NZ Med J
NEW ZEALAND MEDICAL JOURNAL (DUNEDIN NZ)

O

Occup Health Nurs
OCCUPATIONAL HEALTH NURSING (THOROFARE NJ)

Ohio State Med J
OHIO STATE MEDICAL JOURNAL (COLUMBUS OH)

P

Padiatr Padol
PADIATRIE UND PADOLOGIE (WIEN)

Percept Mot Skills
s) PERCEPTUAL AND MOTOR SKILLS (MISSOULA MT)

Pflugers Arch
PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY (BERLIN)

Pharmacol Biochem Behav
PHARMACOLOGY, BIOCHEMISTRY AND BEHAVIOR (PHOENIX NY)

Phys Ther
PHYSICAL THERAPY (NEW YORK)

Physiol Behav
PHYSIOLOGY AND BEHAVIOR (ELMSFORD NY)

Physiol Rev
PHYSIOLOGICAL REVIEWS (BETHESDA MD)

Physiologie
PHYSIOLOGIE (BUCURESTI)

Physiotherapy
PHYSIOTHERAPY (LONDON)

Pneumonol Pol
PNEUMONOLOGIA POLSKA (WARSZAWA)

Pol J Pharmacol Pharm
POLISH JOURNAL OF PHARMACOLOGY AND PHARMACY (WARSZAWA)

Pol Tyg Lek
POLSKI TYGODNIK LEKARSKI (WARSZAWA)

Postgrad Med
POSTGRADUATE MEDICINE (MINNEAPOLIS MN)

Postgrad Med J
POSTGRADUATE MEDICAL JOURNAL (OXFORD)

Practitioner
PRACTITIONER (LONDON)

Praxis
PRAXIS (BERN)

Prev Med
PREVENTIVE MEDICINE (NEW YORK)

Probl Endokrinol (Mosk)
PROBLEMY ENDOKRINOLOGII (MOSKVA)

Proc Soc Exp Biol Med
PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE (NEW YORK)

Prog Cardiovasc Dis
PROGRESS IN CARDIOVASCULAR DISEASES (NEW YORK)

Prog Clin Biol Res
PROGRESS IN CLINICAL AND BIOLOGICAL RESEARCH (NEW YORK)

Prostaglandins
PROSTAGLANDINS (LOS ALTOS CA)

Przegl Lek
PRZEGLAD LEKARSKI (CRACOW)

Psychol Bull
s) PSYCHOLOGICAL BULLETIN (WASHINGTON)

Psychoneuroendocrinology
PSYCHONEUROENDOCRINOLOGY (OXFORD)

Psychophysiology
PSYCHOPHYSIOLOGY (BALTIMORE)

R

Radiol Diagn (Berl)
RADIOLOGIA DIAGNOSTICA (BERLIN)

Radiology
RADIOLOGY (EASTON PA)

Rehabilitation (Stuttg)
REHABILITATION (STUTTGART)

Res Commun Chem Pathol Pharmacol
RESEARCH COMMUNICATIONS IN CHEMICAL PATHOLOGY AND PHARMACOLOGY (WESTBURY NY)

Res Q Exerc Sport
RESEARCH QUARTERLY FOR EXERCISE AND SPORT (WASHINGTON)

Respir Physiol
RESPIRATION PHYSIOLOGY (AMSTERDAM)

Respiration
RESPIRATION (BASEL)

Rev Environ Health
REVIEWS ON ENVIRONMENTAL HEALTH (TEL AVIV)

Rev Esp Enferm Apar Dig
REVISTA ESPANOLA DE LAS ENFERMEDADES DEL APARATO DIGESTIVO (MADRID)

LIST OF SERIALS INDEXED

Rev Esp Fisiol
REVISTA ESPANOLA DE FISIOLOGIA (BARCELONA)

Rev Med Chil
REVISTA MEDICA DE CHILE (SANTIAGO)

Rev Otoneuroophtalmol
REVUE D OTO-NEURO-OPHTALMOLOGIE (PARIS)

Rev Rhum Mal Osteoartic
REVUE DU RHUMATISME ET DES MALADIES OSTEO-ARTICULAIRES (PARIS)

Rheumatol Rehabil
RHEUMATOLOGY AND REHABILITATION (LONDON)

Rinsho Shinkeigaku
RINSHO SHINKEIGAKU. CLINICAL NEUROLOGY (TOKYO)

S

S Afr Med J
SOUTH AFRICAN MEDICAL JOURNAL (CAPE TOWN)

Scand J Clin Lab Invest
SCANDINAVIAN JOURNAL OF CLINICAL AND LABORATORY INVESTIGATION (OSLO)

Scand J Rehabil Med
SCANDINAVIAN JOURNAL OF REHABILITATION MEDICINE (STOCKHOLM)

Scand J Rheumatol
SCANDINAVIAN JOURNAL OF RHEUMATOLOGY (STOCKHOLM)

Scand J Soc Med
SCANDINAVIAN JOURNAL OF SOCIAL MEDICINE (STOCKHOLM)

Scand J Thorac Cardiovasc Surg
SCANDINAVIAN JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY (STOCKHOLM)

Schweiz Med Wochenschr
SCHWEIZERISCHE MEDIZINISCHE WOCHENSCHRIFT. JOURNAL SUISSE DE MEDECINE (BASEL)

Schweiz Z Sportmed
SCHWEIZERISCHE ZEITSCHRIFT FUR SPORTMEDIZIN (GENEVA)

Sci Prog
s) SCIENCE PROGRESS (OXFORD)

Singapore Med J
SINGAPORE MEDICAL JOURNAL (SINGAPORE)

Skeletal Radiol
SKELETAL RADIOLOGY (BERLIN)

Sov Med
SOVETSKAIA MEDITSINA (MOSKVA)

Soz Praventivmed
SOZIAL- UND PRAVENTIVMEDIZIN (BERN)

Surgery
SURGERY (ST LOUIS)

T

Ter Arkh
TERAPEVTICHESKII ARKHIV (MOSKVA)

Teratogenesis Carcinog Mutagen
TERATOGENESIS, CARCINOGENESIS, AND MUTAGENESIS (NEW YORK)

Thorax
THORAX (LONDON)

Tohoku J Exp Med
TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE (SENDAI)

Toxicol Appl Pharmacol
TOXICOLOGY AND APPLIED PHARMACOLOGY (NEW YORK)

Trans Am Soc Artif Intern Organs
TRANSACTIONS - AMERICAN SOCIETY FOR ARTIFICIAL INTERNAL ORGANS (WASHINGTON)

Trans Assoc Life Insur Med Dir Am
TRANSACTIONS OF THE ASSOCIATION OF LIFE INSURANCE MEDICAL DIRECTORS OF AMERICA (NEW YORK)

U

Ugeskr Laeger
UGESKRIFT FOR LAEGER (COPENHAGEN)

Ukr Biokhim Zh
UKRAINSKII BIOKHIMICHESKII ZHURNAL (KIEV)

Undersea Biomed Res
UNDERSEA BIOMEDICAL RESEARCH (BETHESDA MD)

Union Med Can
UNION MEDICALE DU CANADA (MONTREAL)

V

Va Med
VIRGINIA MEDICAL (RICHMOND VA)

Vet Med (Praha)
VETERINARNI MEDICINA (PRAHA)

Vnitr Lek
VNITRNI LEKARSTVI (PRAHA)

Vopr Kurortol Fizioter Lech Fiz Kult
VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KULTURY (MOSKVA)

Vopr Med Khim
VOPROSY MEDITSINSKOI KHIMII (MOSKVA)

Vrach Delo
VRACHEBNOE DELO (KIEV)

Vutr Boles
VUTRESHNI BOLESTI (SOFIA)

W

West J Med
WESTERN JOURNAL OF MEDICINE (SAN FRANCISCO)

Wiad Lek
WIADOMOSCI LEKARSKIE (WARSZAWA)

Y

Yale J Biol Med
YALE JOURNAL OF BIOLOGY AND MEDICINE (NEW HAVEN CT)

Z

Z Kardiol
ZEITSCHRIFT FUR KARDIOLOGIE (DARMSTADT)

Z Kinderchir
ZEITSCHRIFT FUR KINDERCHIRURGIE (STUTTGART)

Zentralbl Bakteriol Mikrobiol Hyg [B]
ZENTRALBLATT FUR BAKTERIOLOGIE MIKROBIOLOGIE UND HYGIENE. 1. ABT. ORIGINALE. B: UMWELTHYGIENE. KRANKENHAUSHYGIENE. ARBEITSHYGIENE. PRAVENTIVE MEDIZIN. (STUTTGART)

ZFA (Dresden)
ZFA. ZEITSCHRIFT FUR ALTERNSFORSCHUNG (DRESDEN)

LIST OF SERIALS INDEXED

Zh Vyssh Nerv Deiat
ZHURNAL VYSSHEI NERVNOI DEIATELNOSTI IMENI
I. P. PAVLOVA (MOSKVA)

☆U.S. GOVERNMENT PRINTING OFFICE: 1982-377-087/8367

[illegible]

[illegible]

The citations in this bibliography all are selected from those contained in MEDLARS (The National Library of Medicine's Medical Literature Analysis and Retrieval System), and the subject headings correspond to those used in MEDLARS. The subjects covered in this bibliography were chosen by a scientific committee. Members of the committee are:

Charles M. Tipton, Ph.D.
American College of Sports Medicine

Melvin L. Thornton, M.D.
American Medical Association Committee on the Medical Aspects of Sports

Clifford A. Bachrach, M.D.
National Library of Medicine

Samuel M. Fox III, M.D.
The President's Council on Physical Fitness and Sports

Daniel F. Hanley, M.D.
United States Olympic Committee

Yvonne B. Scott
National Library of Medicine (staff support)

Ash Hayes, Ed.D.
The President's Council on Physical Fitness and Sports (staff support)

DEPARTMENT OF
HEALTH & HUMAN SERVICES

The President's Council on
Physical Fitness and Sports
Washington DC 20201

Official Business
Penalty for Private Use $300

Postage and Fees Paid
U.S. Dept of H.H.S.
HHS 396

CONTROLLED CIRCULATION RATE